

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Quarry Creek Property
Carlsbad, California

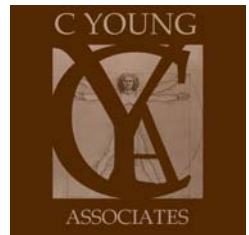
May 25, 2012

Prepared for:

Quarry Creek Investors, LLC
c/o McMillin Land Development
2750 Womble Road
San Diego, California 92106

Prepared by:

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May 25, 2012

Mr. Don Mitchell
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McMillin Land Development
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Subject: **Phase I Environmental Site Assessment
Quarry Creek Property
Carlsbad, California**

Dear Mr. Mitchell:

C Young Associates (CYA) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of American Society for Testing and Materials Practice (ASTM) E 1527-05 and 40 Code of Federal Regulations (CFR) Part 312, of the above-referenced property. This ESA included public environmental agency and historical record reviews, interviews, site observations, and report preparation. This report includes CYA's findings, conclusions, and supporting documentation.

We appreciate the opportunity to be of service to you on this project. If you should have any questions regarding this report, or if we can be of further assistance, please contact Colin Young at (858) 945-7029.

Sincerely,

C YOUNG ASSOCIATES

Colin P. Young, CIH
Principal

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1.0 Executive Summary

1.1 Summary and Findings

At the request of Quarry Creek Investors, LLC, C Young Associates (CYA) conducted a Phase I Environmental Site Assessment (ESA), in conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Practice E 1527-05, 40 Code of Federal Regulations (CFR) Part 312, at the property known as Quarry Creek located at the former Hanson Aggregates Mining facility located at 3701 Haymar Drive in Carlsbad, California (hereinafter referred to as "the Site").

The Site consists of approximately $160\pm$ acres and comprises three legal parcels with a former recorded physical address of 3701 Haymar Drive, in Carlsbad, California. The eastern portion of the Site is currently vacant graded land that is being reclaimed from a former quarry mining operation and being prepared for residential development. The western portion of the Site is currently vacant open space. With the exception of the referenced conditions described below, the current use of the Site is not one that is indicative of the use, treatment, storage, disposal or generation of hazardous substances or petroleum products. Current uses of adjoining and nearby properties are generally for commercial and residential purposes and are not ones that are indicative of the use, treatment, storage, disposal or generation of hazardous substances or petroleum products.

CYA reviewed standard regulatory record sources which included Federal, State and local environmental databases provided by Environmental Data Resources (EDR) for information pertaining to documented and/or suspected releases of regulated hazardous substances and/or petroleum products within specified search distances. The Site appears on several of the regulatory databases searched by EDR related to the former on-Site quarry operations and the associated environmental assessments and remediation which are discussed in Section 4.8 of this report. There are several off-Site properties that are listed on various regulatory databases. However, based on information provided in the regulatory database listings and supplemental information obtained from the State Water Resources Control Board Geotracker database and California Environmental Protection Agency Department of Toxic Substances Control Envirostor database, none of the properties listed on regulatory databases are considered to be of direct concern to the Site. This opinion is also based on several additional factors, including the distance of the off-site listed properties from the Site, orientation of the listed properties relative to the Site, interpreted direction of groundwater flow and/or regulatory case status information for the various properties as described in the database report.

CYA was provided several previous environmental assessments for review as a part of this assessment. As described in Section 4.8 of this report, extensive assessment and remediation activities have occurred at the Site since 1986. Although an "open" assessment case is associated with the Site, the DEH issued a Corrective Action Plan Concurrence letter dated June 7, 2011 that indicates the DEH concurs with, and authorizes, remediation of Site soil and groundwater by passive remediation (i.e. natural attenuation).

CYA interviewed a representative of Brown and Caldwell, an environmental consultant for Hanson, regarding the status of remedial activities at the Site. CYA was informed that reclamation work that was to be initiated in the summer of 2011 was delayed for various reasons, but the work and associated regulatory negotiation is now (i.e., May 7, 2012) nearly complete. Remedial work included removal of petroleum impacted soil, reuse of clean fill material from a

nearby construction site and groundwater monitoring (to verify that a natural attenuation remedy would be an appropriate remedial option). Groundwater monitoring results were reportedly favorable and all groundwater monitoring wells have reportedly been removed/abandoned. The only remaining remedial work to be completed at this time is reportedly the removal of an approximately 13,500 cubic yard stockpile of petroleum hydrocarbon impacted soil to an off-Site, regulated receiving facility. Regulatory closure of the Site by the County of San Diego Department of Environmental Health (DEH) is reportedly forthcoming in the near future.

1.2 Conclusions

The residual petroleum hydrocarbon soil and groundwater impacts beneath portions of the Site are considered to be a recognized environmental condition in connection with the Site. However, CYA does not recommend additional assessment or action be conducted by the client at this time. This opinion is based on the following:

- Remedial work that is on-going at the Site is nearly complete and Site closure by the lead regulatory agency for the Site is reportedly imminent.
- Closure of the Site is not expected to be adversely conditional. As such, and upon completion of the remedial activities, the Site is expected to support residential land development, as presently planned.

No other recognized environmental conditions in connection with the Site were identified during the preparation of this assessment.

2.0 Introduction

2.1 Purpose

The purpose of this Phase I ESA is to provide a professional opinion on the presence of recognized environmental conditions and other suspect environmental conditions in connection with the Site as they existed on the date of the site inspection, and to recommend whether further investigation is warranted by the findings presented herein. ASTM Standard Practice E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, defines good commercial and customary practice for conducting an ESA of a parcel of commercial real estate with respect to the range of contaminants pertinent to the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), as well as petroleum products. As such, this ESA is intended to satisfy one of the requirements that permit the user to qualify for the bona fide “prospective purchaser,” “innocent landowner” or “contiguous property owner” liability protections under the Brownfields Revitalization Act (also known as the 2002 Brownfields Amendments) of CERCLA. In other words, this ESA represents one of the practices that constitute “all appropriate inquiry” into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined in 42 USC Section 9601(35)(B) and 40 CFR Part 312.

The goal of the process is to identify “*recognized environmental conditions*,” which are defined by the ASTM Standard as “the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of release of any hazardous substances or petroleum products into the structures on the property or into the ground, groundwater or surface water of the property.” The term *recognized environmental condition* includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

2.2 Detailed Scope of Services

The Phase I ESA was conducted in accordance with generally accepted Phase I industry standards using ASTM Standard Practice E 1527-05, 40 CFR Part 312 and CYA’s Proposal/Agreement by and between CYA and Quarry Creek Investors, LLC. The following services were provided for this assessment:

- A search for environmental liens recorded against the Site.
- An evaluation of standard environmental record sources contained within Federal, State and local environmental databases within specific search distances.
- An evaluation of additional environmental record sources obtained from local regulatory departments/agencies including the County of San Diego Department of Environmental Health (DEH).

-
- A qualitative evaluation of the physical characteristics of the Site through a review of published topographic, geologic, and hydrogeologic maps; published groundwater data; and area observations to characterize surface water flow in the Site area.
 - An evaluation of past Site and adjacent/nearby property uses.
 - A physical inspection of the Site (interior and exterior) conducted to search for conditions indicative of potential environmental concerns including underground storage tanks (USTs), aboveground storage tanks (ASTs), associated tank piping; stained soil or pavement, equipment that may contain or have historically contained polychlorinated biphenyls (PCBs), and other potential environmental concerns as defined in the ASTM-2005 standard.
 - A physical assessment of indications of past uses and visual observations of adjacent and surrounding properties (from curbside or public spaces) to assess potential impacts to the Site.
 - Interviews completed with the client, the Site owner(s) and local regulatory officials.
 - The preparation of this Phase I ESA report, which includes the findings of the assessment, our opinion (i.e., conclusions) regarding their respective levels of significance, and recommendations, as appropriate.

2.3 Significant Assumptions

This Phase I ESA was conducted in accordance with ASTM guidelines and the terms and conditions of the aforementioned Agreement between CYA and Quarry Creek Investors, LLC. No other warranties, express or implied, are made by CYA. CYA's evaluations, analyses, and opinions should not be taken as representations regarding subsurface conditions or the actual value of the Site. Subsurface conditions may differ from the conditions implied by the surficial observations and the data resources reviewed, and can only be reliably evaluated through intrusive techniques.

Documentation and data provided by Quarry Creek Investors, LLC, designated representatives of Quarry Creek Investors, LLC, other interested third parties, or from the public domain, and referred to in the preparation of this assessment, are assumed to be complete and correct and have been used and referenced with the understanding that CYA assumes no responsibility or liability for their accuracy. CYA's conclusions are based upon such information and documentation and on our observations of Site conditions as they existed on the date of the site inspection. Because Site conditions may change significantly over a short period of time and additional data may become available, data reported and conclusions drawn in this report are limited to current conditions and may not be relied upon on a significantly later date.

2.4 Limitations and Exceptions

Reasonable efforts have been made during this assessment to uncover evidence of USTs, ASTs, ancillary equipment associated with such tanks, and other subsurface structures. "Reasonable efforts" are limited to information gained from visual observation of unobstructed areas, recorded database information held in public record, and available information gathered from interviews.

Such methods may not identify subsurface equipment that may have been hidden from view due to paving, construction or debris pile storage, or incorrect information from sources.

This investigation was not an environmental compliance audit. While some observations and discussion in this report may address conditions and/or operations that may be regulated, the regulatory compliance of those conditions and/or operations is outside the scope of this investigation. Nothing in this report constitutes a legal opinion or legal advice. For information regarding specific individual or organizational liability, CYA recommends consultation with independent legal counsel.

This ESA does not address non-scope ASTM considerations including asbestos containing materials (ACMs), radon, lead-based paint (LBP), lead in drinking water, wetlands, protected environments and habitat, industrial hygiene concerns, indoor air quality, mold, vapor intrusion and high voltage power lines.

2.5 Special Terms and Conditions

No special terms and conditions exist between CYA and Quarry Creek Investors, LLC relative to the findings of this ESA or the methodology used to complete this assessment. In addition, CYA does not have a financial interest in the site.

2.6 User Reliance

This report was prepared for use solely and exclusively by Quarry Creek Investors, LLC and is not for the use or benefit of, nor may it be relied upon by, any other person or entity for any purpose without the advance written consent of CYA. CYA makes no representation to any third party except that it has used the degree of care and skill ordinarily exercised by a reasonable prudent environmental professional in the same community and in the same time frame given the same or similar facts and circumstances. No other use or disclosure is intended or authorized by CYA. In the preparation of this ESA, CYA has used the degree of care and skill ordinarily exercised by a reasonably prudent environmental professional in the same community and in the same time frame given the same or similar facts and circumstances. No other warranties are made to any third party, either express or implied.

3.0 Site Description

3.1 Location and Legal Description

The Site is approximately 160± acres and comprises three legal parcels located to the south of Highway 78 and Haymar Drive in both Carlsbad and Oceanside, California. The former mining operations at the Site utilized a physical address of 3701 Haymar Avenue. The Site is further identified by County of San Diego Assessor's Parcel Numbers (APNs) 167-040-21, 167-040-11 and 168-011-20.

3.2 Site and Vicinity General Characteristics

The Site and its adjacent/nearby properties are situated within an area of Carlsbad comprised primarily of commercial development to the east and residential development and open space to the north, south, and west. Additional details pertaining to the Site and its adjoining properties are provided in the sections below.

3.3 Current Use of the Site

At the time of the Site reconnaissance, the eastern portion of the Site was a vacant mining reclamation quarry that is now rough-graded and being prepared for future residential development. The western portion of the Site is vacant undisturbed land. The central portion of the Site is occupied by Buena Vista Creek which trends from east to west across the Site.

3.4 Description of Structures, Roads, Other Improvements on the Site

As stated previously, the eastern portion of the Site is currently rough-graded land that is being reclaimed from mining operations and the western portion of the Site is vacant undisturbed land. Prior to its current condition, the eastern portion of the Site was developed with an aggregate mining operation operated by Hanson Aggregates. Hanson reportedly had former office buildings, two asphalt plants, a concrete batch plant, a recycled materials area for asphalt and concrete, a rock crushing plant, maintenance areas, two explosives magazine/containers, an auxiliary office building, an office and scale room building, a sales office, a storage building, four above-ground storage tanks and 21 underground storage tanks. Potable water to the Site is (and presumably will be) provided by the Carlsbad Municipal Water District and sanitary sewer service is (and presumably will be) provided by the City of Carlsbad. Electrical and natural gas service in the area is (and presumably will be) provided by San Diego Gas and Electric (SDG&E). A Site Plan is included in Section 13.2. Photographs taken of the Site are included in Section 13.3.

3.5 Current Uses of the Adjoining Properties

The area surrounding the Site consists primarily of a roadway to the north (Haymar Drive) followed by Highway 78 with residences beyond. The area to the east of the Site is developed with commercial businesses including a car dealership, and a shopping center. The areas to the south and west of the Site are developed with single-family residences and open space. CYA performed a visual inspection of adjoining properties from adjacent sidewalks and public right-of-ways. The following table identifies the adjacent property uses:

Direction	Adjoining Property Use
North	Haymar Drive, Highway 78, Vista Way, then residences
East	Mossy Nissan Oceanside (3535 College Blvd.), the Quarry Creek Shopping Center, and the terminus of Marron Road
South	Single-family residences and open space
West	Open space and single-family residences

None of the adjoining properties were observed to be a potential environmental concern to the Site based on CYA's visual inspection from public right-of-ways.

4.0 User Provided Information

4.1 Title Records

No environmental related liens, deed restrictions or activity and use limitations pertaining to the Site were noted during research conducted with the County of San Diego Assessor and Recorder. In addition, preliminary title reports were provided to CYA for review as a part of this assessment. Two of the preliminary title reports were revised January 21, 2012 and one preliminary title report was updated on July 5, 2011. The preliminary title reports contained no references to environmental related liens, deed restrictions or activity and use limitations pertaining to the Site.

4.2 Environmental Liens or Activity and Use Limitations

With the exception of the assessment and remediation activities discussed in Section 4.8 of this report, the client reportedly has no knowledge of any environmental related liens or activity and use limitations (i.e. engineering or institutional controls) that are related to potential environmental issues at the Site.

4.3 Specialized Knowledge

With the exception of the assessment and remediation activities discussed in Section 4.8 of this report, the client reportedly has no specialized knowledge of potential recognized environmental conditions at the Site.

4.4 Commonly Known or Reasonably Ascertainable Information

With the exception of the assessment and remediation activities discussed in Section 4.8 of this report, the client reportedly has no knowledge of commonly known or reasonably ascertainable information pertinent to potential recognized environmental conditions at the Site.

4.5 Valuation Reduction for Environmental Issues

As of the date of this report, the client reportedly has no information pertaining to the relationship of the purchase price to the estimated fair market value of the property that might indicate that significant contamination exists (other than what has been documented to date, as referenced herein).

4.6 Owner, Property Manager, and Occupant Information

According to the County of San Diego Assessor, the majority of the Site (APNs 167-040-21 and 167-040-11) is currently owned by Hanson Aggregates Pacific Southwest, Inc. Such parcels will reportedly be sold to Quarry Creek Investors, LLC who will be considered to be the property manager of the Site during the residential development phase of the project. The portion of the Site identified by APN 168-011-20 is currently owned by Quarry Creek Investors, LLC. The Site currently has no known occupants.

4.7 Reason for Performing Phase I ESA

CYA, as an independent consultancy, has been retained to conduct this Phase I ESA to identify environmental issues that may be present and to comply with 40 CFR Part 312.

4.8 Other

CYA was provided several previous environmental reports/documents for review. The documents are listed below:

- October 25, 2010 - Corrective Action Plan, Prepared for Hanson Aggregates LLC, Carlsbad Facility, 3701 Haymar Drive, Carlsbad, California, DEH Case Number H02509-001, by Brown and Caldwell
- September 2004 - Corrective Action Plan, Hanson America Carlsbad Facility, 3701 Haymar Drive, Carlsbad, CA, DEH Case No. H02509-001, by Brown and Caldwell
- October 12, 1999 - Phase I Environmental Site Assessment, Hanson Aggregates Pacific Southwest Region Carlsbad Facility, 3701 Haymar Drive, Carlsbad, California, by Ninyo & Moore
- April 29, 1999 - Final Phase I Environmental Site Assessment, Hanson Aggregate Mining Site, 3701 Haymar Drive, San Diego County, California, by Brown and Caldwell

The two Phase I ESAs and the two CAPs were reviewed by CYA in conjunction with additional information obtained from the California State Water Resources Control Board Geotracker database. The following is a summary of the previous environmental concerns, assessment and remediation activities conducted at the Site, to date:

Past quarry operations and current production activities have been confined to approximately 52 acres of the Site located in its eastern area. The surface mine (quarry) has been decommissioned, as well as former office and storage buildings, two asphalt plants, a concrete batch plant, a recycled-material area for asphalt/concrete, a rock crushing plant, a maintenance shop, bulk materials storage areas, fueling facilities, several storage trailers and fenced areas, two empty explosives magazines containers, a scale-room building, a sales office, five former above-ground storage tanks (ASTs) and twenty one former underground storage tanks (USTs).

Four diesel USTs were removed at the Site on December 17, 1986. Two of the USTs had 4,000-gallon capacities, one had a 15,000-gallon-capacity, and one had a 20,000-gallon capacity. On February 26, 1987, one 1,000-gallon gasoline tank was abandoned in place by slurry-filling. No unauthorized releases were observed at the time these tanks were decommissioned. However, on April 17, 1997, a 550-gallon capacity waste oil tank was removed. Analytical results for a soil sample collected from below the tank during the removal inspection revealed a total petroleum hydrocarbon (TPH) concentration of 1,400 milligrams per kilogram (mg/kg) resulting in an "unauthorized release" case being opened by the DEH.

A limited Site assessment was subsequently performed in 1998, as documented in a report prepared by Kleinfelder, dated August 3, 1998. Gasoline and diesel impacts related to the eight remaining and operating USTs in the area were reported. The maximum TPH concentrations reported for impacted soil samples were 3,500 mg/kg as gasoline and 30,000 mg/kg as diesel. The eight USTs were removed in August 1998. The tanks included two 10,000-gallon capacity

gasoline USTs, three 10,000-gallon capacity diesel USTs, and three 12,000-gallon capacity diesel USTs. The distribution lines and dispensers associated with the UST system were also removed in March 2000. An estimated 900 cubic yards of impacted soil was removed and disposed of off-Site.

Confirmation samples were then collected from the walls of the UST excavation to determine the effectiveness of over-excavation and soil removal. Based on the confirmation sample results, soil impacted with diesel-range hydrocarbons still remained beyond the excavated area. Subsequent assessment data indicated that an estimated 400 cubic yards of fuel-impacted soil in the vicinity of the six former diesel tanks remained in place. An estimated 1,500 cubic yards of residual TPH-impacted soil remained in the vicinity of the former gasoline USTs.

Seventy-four soil borings were drilled and sampled at the Site from August 1998 to November 1999. Temporary groundwater monitoring wells were also installed in 26 of the borings. Three of the borings were converted into permanent monitoring wells (KMW-1 through KMW-3). In March 2001, an additional 13 permanent groundwater monitoring wells (MW -1 through MW -13) were installed at the Site. Additional investigation in January 2003 included the drilling of 11 borings north of Buena Vista Creek. Data obtained from the borings were used to select the locations for four additional wells near the creek. These wells (MW-14 through MW-17) were installed in February 2003.

Water level measurements for the wells indicated the groundwater flow direction to be to the south/southwest. Liquid-phase hydrocarbons (LPH) were first detected in two of the groundwater monitoring wells (MW-3 and MW-7) in May 2001. Although LPH was not detected in MW-7 after May 2001, it was measured in MW-3 until March 2005. Beginning in 2001, LPH was purged from MW-3 on a quarterly basis. Approximately 148 gallons of groundwater and LPH were removed from MW-3 through March 2004.

Prior to implementation of Site remediation in July 2005, the maximum detected concentration of TPH as gasoline in groundwater was 53,000 micrograms per liter (ug/l). The maximum detected TPH as diesel concentration was 66,000 ug/l. The maximum detected concentrations of aromatic hydrocarbons were as follows: benzene -19,000 ug/l, toluene - 12,000 ug/l, ethyl-benzene - 1,600 ug/l, and total xylenes - 10,400 ug/l. The maximum detected concentrations of the fuel oxygenates methyl-tert-butyl ether (MTBE) and tert butyl alcohol (TBA) were 2,200 ug/l and 22 ug/l, respectively. (Note: several samples had elevated detection limits for TBA of up to 500 ug/l).

In December 2003, six ORC® barrier trenches were installed at the Site to inhibit the migration of dissolved-phase gasoline, diesel, aromatic hydrocarbons, and fuel oxygenates. The trenches extended approximately five feet below the water table and were backfilled with ORC® slurry. By January 1995, it was concluded that this interim remedial action (IRA) was not effective.

Analytical data for groundwater samples provided the basis to delineate the lateral extents of dissolved benzene and methyl-tert-butyl ether (MTBE) by mid-2005. The dissolved benzene plume has reportedly stabilized approximately 200 feet down-gradient from the former fuel UST area. The dissolved MTBE plume has migrated approximately 700 feet down-gradient. Petroleum hydrocarbons (e.g., gasoline and diesel), volatile organic compounds (including benzene), and fuel oxygenates (e.g., MTBE) have not been detected in surface water samples collected from Buena Vista Creek.

Removal of TPH impacted soil from the source area (i.e., former UST area) was performed from July 2005 through March 2006 as an IRA. The excavated soil was placed into on-site passive bioremediation treatment cells in mid-2006 with the intention of re-using the remediated soil on-

Site. Based on 1998 Site assessment data, it was estimated that approximately 7,700 cubic yards of soil required excavation (1,900 cubic yards of TPH-impacted soil and 5,800 cubic yards of clean soil). During IRA implementation, the volume of TPH-impacted was found to be significantly greater than anticipated. A total of 43,500 cubic yards of soil were excavated. This excavated soil was estimated to consist of 14,000 cubic yards of clean soil, 10,500 cubic yards of low-level, TPH impacted soils that could be reused on-site (with restrictions), and 19,000 cubic yards of TPH-impacted soil. Following removal of the soil, the excavated areas were backfilled. Verification sampling of soil treated in the bioremediation cells was completed in the second quarter of 2009.

Following the excavation of TPH-impacted soils in 2006, four groundwater monitoring wells were installed to replace wells that were destroyed prior to implementation of the IRA. Sixteen ozone-sparging wells and three vapor probes were also installed in association with a pilot test to address residual impacts to groundwater beneath the site. The pilot test began on August 28, 2006, and concluded on March 15, 2007 when the operation was approved by DEH for continued use as part of the IRA. The ozone-sparging system operated through February 2010.

A Corrective Action Plan (CAP) for the Site was prepared in 2010 and was submitted to the DEH for review. The CAP indicated that interim remedial measures have significantly reduced concentrations and potential contaminants of concern (COCs) at the Site. Review of chemical fate in groundwater indicated that the primary mechanisms of natural attenuation at the Site are dispersion and biodegradation based on plume stability, presence of daughter products such as TBA, low DO concentrations in the source area prior to interim remedial measures, and utilization nutrient electron acceptors such as nitrate. The CAP also indicated that 500-cubic yards of diesel-impacted soil remained onsite with previously granted permission from the DEH. Further, the CAP indicated no receptors for COCs in groundwater from the Site since Buena Vista Creek is located down gradient of the COC plume and sampling at a cross-gradient well away from the source area indicated no detectable concentrations of COCs. The CAP evaluated several different remedial technologies and concluded that monitored natural attenuation is the most appropriate and cost-effective remedial alternative. The DEH reviewed the CAP and issued a conditional concurrence letter dated February 8, 2011, and approval would be completed after a public participation process was completed. After the public participation period was completed, the DEH issued a letter dated June 7, 2011 which indicated that, based on the CAP and CAP Addendum (as well as the Responsible Party's responses to public comments), the DEH concurs with, and authorizes, remediation of Site soil and groundwater by passive remediation (i.e., natural attenuation). See Section 7.5 for recent information pertaining to the regulatory case status of the Site.

No other environmental reports pertaining to the Site were reviewed by CYA during the preparation of the assessment.

5.0 Records Review

5.1 Standard Environmental Record Sources

CYA reviewed Federal and State environmental databases provided by Environmental Data Resources, Inc. (EDR) of Milford, Connecticut for information pertaining to documented and/or suspected releases of regulated hazardous substances and/or petroleum products within specified search distances. A copy of the EDR report is included in Section 13.4.1.

CYA also reviewed unmappable sites listed in the environmental database report by cross-referencing addresses and site names. Unmappable sites are sites that cannot be plotted with confidence, but can be located by zip code or city name. In general, a site cannot be mapped because of inaccurate or missing location information in the record provided by the regulatory agency. Any unmappable sites that CYA identifies within the specified search radii were evaluated as part of the preparation of this report.

The following Federal databases related to potential on-site and off-site sources of contamination were reviewed and interpreted by CYA:

Federal Databases	Search Distance From Site
National Priorities List (NPL)	One mile
Delisted NPL	One mile
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)	One-half mile
CERCLIS No Further Remedial Action Planned (NFRAP)	One-half mile
Resource Conservation and Recovery Act (RCRA) CORRACTS Hazardous Waste Treatment, Storage and Disposal (TSD) Facilities	One mile
Resource Conservation and Recovery Act (RCRA) NON-CORRACTS Hazardous Waste TSD Facilities	One-half mile
RCRA Hazardous Waste Generators (RCRA GEN)	One-eighth mile
Emergency Response Notification System (ERNS)	One-eighth mile
Facility Index Systems (FINDS)	One-eighth mile
Federal Institutional/Engineering Control Registries (IC/EC)	One-half mile

The following State/local databases related to potential on-site and off-site sources of contamination were also searched and reviewed:

State/Local Databases	Search Distance From Site
State Equivalent NPL and CERCLIS (RESPONSE and Envirostor)	One mile
State Voluntary Cleanup Sites (VCP)	One-half mile
State/Local Brownfield Sites and Institutional/Engineering Control Registries	One-half mile
Inactive, Active, and/or Permitted Solid Waste/Landfill Facilities (SWL)	One-half mile
Leaking Underground Storage Tanks (LUST)	One-half mile
Spills, Leaks, Investigations and cleanup (SLIC)	One-half mile
Registered Underground Storage Tanks (UST)	One-eighth mile
San Diego County DEH Site Assessment and Mitigation (SAM)	One-half mile

Descriptions/sources of each of the above referenced regulatory databases and the dates these databases were last updated by the applicable regulatory agencies are included in the EDR report. The Site is not listed on any of the ASTM databases. The table below presents a summary of Site and off-Site property listings and an opinion regarding their potential impact to the Site.

Listed Property (address)	Database(s)	Mapped Distance and Direction From Site	Details	Significant Concern To Site?
Hanson Aggregates South Coast Materials South Coast Asphalt Products	CERC-NFRAP RCRA-SQG ENVIROSTOR LUST SLIC San Diego Co. SAM	Site	This Site was listed due to its previous use as an aggregate mining site. Extensive assessment and remediation activities, including groundwater monitoring, soil excavation, and direct injection activities, have been conducted under regulatory oversight. Discussion of these investigations and current status are included in Section 4.8 of this report.	No
Shell Service Station (3502 College Blvd.)	LUST SLIC San Diego Co. SAM	0.450-mile-ENE	This facility was listed in the LUST database and the San Diego County SAM database for a release of gasoline which impacted the soil and groundwater at this facility. A regulatory oversight case was opened and additional site assessment activities were completed. Case closure was granted by the DEH in 2002. Based on the distance of this facility from the Site (0.450 miles) and the case status (closed), this facility is not considered an environmental concern to the Site.	No
Reflect Shine Car Wash (3528 College Blvd.)	LUST San Diego Co. SAM	0.456-mile-ENE	This facility was listed in the LUST database and the San Diego County SAM database for two release cases (one during dispenser upgrades and one during assessment of the first release case when a product pump was accidentally punctured). Both releases were managed as one case. The regulatory oversight cases were opened and additional site assessment activities were completed. Soil borings indicated soil contamination was limited to the area adjacent to the dispensers to a depth of less than ten feet below grade with approximately 320-cubic yards of impacted soil remaining onsite. Groundwater samples were collected and indicated that groundwater had not been impacted. The residual soil contamination does not pose a threat to human health or the environment. Case closure was granted by the DEH in 2007. Based on the distance of this facility from the Site (0.456 miles) and the case status (closed), this facility is not considered an environmental concern to the Site.	No

Listed Property (address)	Database(s)	Mapped Distance and Direction From Site	Details	Significant Concern To Site?
College Blvd. Exxon Texaco APRO 44 (3401 College Blvd.)	LUST SLIC San Diego Co. SAM	0.466-mile-NE	This facility was listed in the LUST database and the San Diego County SAM database for eight release cases from 1986 to 2006. Seven of the cases are currently closed. One case is "open" due to a release of gasoline that was identified in 2006. A regulatory oversight case was opened and additional site assessment activities, including groundwater monitoring, have been completed. A CAP, dated September 13, 2011, was prepared by Antea Group who requested case closure from the DEH. The CAP was not approved by the DEH pending additional details and information requests. No additional information was available for review and the case remains open. However, based on the distance of this facility from the Site (0.466 miles), this facility is not considered an environmental concern to the Site.	No
Tri-City Medical Center (4002 Vista Way)	ENVIROSTOR	0.732-mile-ENE	Listing for a "Tiered Permit" case that is currently "inactive and needs evaluation." No further information is provided. Based on the distance of the facility from the Site, this facility is not considered an environmental concern to the Site.	No

As shown in the table above, there are several database listings for the subject Site that are discussed further in Section 4.8 of this report. None of the off-Site properties listed on the various regulatory databases are considered to be an environmental concern to the Site. This opinion is based on several factors, including distance of the listed property from the Site, orientation of the listed properties relative to the Site, reported property conditions and/or regulatory case status information for the site.

Non-ASTM Database Reviews

Below is a list of non-ASTM databases searched by EDR and reviewed by CYA during the preparation of this assessment. The descriptions of each database and their data release frequency are included in the EDR report, included in Section 13.4.1.

Local Brownfield Lists

US BROWNFIELDSDS - A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 - Torres Martinez Reservation Illegal Dump Site Locations

ODI - Open Dump Inventory

WMUDS/SWAT - Waste Management Unit Database

SWRCY - Recycler Database

HAULERS - Registered Waste Tire Haulers Listing

Local Lists of Hazardous Waste / Contaminated Sites

US CDL - Clandestine Drug Labs

HIST Cal-Sites - Historical Calsites Database
SCH - School Property Evaluation Program
Toxic Pits - Toxic Pits Cleanup Act Sites
CDL - Clandestine Drug Labs
US HIST CDL - National Clandestine Laboratory Register

Local Land Records

LIENS 2 - CERCLA Lien Information
LUCIS - Land Use Control Information System
LIENS - Environmental Liens Listing
DEED - Deed Restriction Listing

Records of Emergency Release Reports

HMIRS - Hazardous Materials Information Reporting System
CHMIRS - California Hazardous Material Incident Report System
LDS - Land Disposal Sites Listing
MCS - Military Cleanup Sites Listing

Other Ascertainable Records

RCRA-NonGen - RCRA - Non Generators
DOT OPS - Incident and Accident Data
DOD - Department of Defense Sites
FUDS - Formerly Used Defense Sites
CONSENT - Superfund (CERCLA) Consent Decrees
ROD - Records Of Decision
UMTRA - Uranium Mill Tailings Sites
MINES - Mines Master Index File
TRIS - Toxic Chemical Release Inventory System
TSCA - Toxic Substances Control Act
FTTS/FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS - FIFRA/TSCA Tracking System Administrative Case Listing
SSTS - Section 7 Tracking Systems
ICIS - Integrated Compliance Information System
PADS - PCB Activity Database System
MLTS - Material Licensing Tracking System
RADINFO - Radiation Information Database
FINDS - Facility Index System/Facility Registry System
RAATS - RCRA Administrative Action Tracking System
CA BOND EXP. PLAN - Bond Expenditure Plan
CA WDS - Waste Discharge System
NPDES - NPDES Permits Listing
Cortese - "Cortese" Hazardous Waste & Substances Sites List
HIST CORTESE - Hazardous Waste & Substance Site List
Notify 65 - Proposition 65 Records
DRYCLEANERS - Cleaner Facilities
WIP - Well Investigation Program Case List
HAZNET - Facility and Manifest Data
EMI - Emissions Inventory Data
INDIAN RESERV - Indian Reservations
SCRD DRYCLEANERS - State Coalition for Remediation of Drycleaners Listing
FINANCIAL ASSURANCE - Financial Assurance Information Listing

PCB TRANSFORMER - PCB Transformer Registration Database
COAL ASDH DOE – Steam Electric Plan Operation Data Listing
COAL ASH EPA – Coal Combustion Residues Surface Impoundments List
SD HMMD – San Diego County DEH Hazardous Materials Management Division

The Site was listed on the San Diego County HMMD, HIST UST, SWEEPS UST, FINDS, NPDES, HIST CORTESE, HAZNET, and EMI non-ASTM databases reviewed by EDR. These listings are in conjunction with the previous onsite mining operations, assessment, and mitigation measures conducted at the Site. The on-Site conditions are further discussed in Section 4.8 of this report. No adjacent properties or other properties within the specified search radius by EDR were listed on any of the non-ASTM databases reviewed as a part of this assessment.

5.2 Additional Environmental Record Sources

San Diego County Department of Environmental Health (DEH)

CYA searched for public records provided online by the County of San Diego DEH. With the exception of assessment and remediation activities discussed in Section 4.8 of this report, no additional environmental concerns indicating that a release of hazardous substances or petroleum products has occurred at the Site were revealed during the DEH records research.

State Water Resources Control Board

Select information discussed in Section 4.8 of this report was obtained from the California State Water Resources Control Board Geotracker database.

5.3 Physical Setting Sources

The following physical setting sources were reviewed to provide information about the topographic, hydrologic, geologic and/or hydrogeologic characteristics of the Site.

5.3.1 Topography and Hydrology

USGS Topographic Quadrangle

The Site is depicted on the USGS topographic map for the San Luis Rey, California 7.5 minute quadrangle (1997) at an elevation of approximately 70 to 200 feet above mean sea level. Site-specific topography slopes towards the center to Buena Vista Creek and to the southwest. Regional topography is shown as sloping to the west-southwest towards the Pacific Ocean. One structure and several roadways are depicted on the Site. Streets and public roadways bordering the Site are shown in their current configurations.

Hydrology/Storm Water Management

Surface drainage at the Site is reported as sheet flow towards Buena Vista Creek. Nearby municipal storm drains along Haymar Drive are maintained by the City of Carlsbad and the adjacent Quarry Creek Shopping Center has municipal storm drains maintained by the City of Oceanside.

5.3.2 Geology

The Site lies within the coastal section of the Peninsular Ranges Geomorphic Province; one of 11 physiographic provinces in California recognized by defining features based on geology, faults, topography, and climate. The Peninsular Ranges Province is dominated by a series of northwest-oriented mountain ranges extending from the Baja California peninsula in the south to the Transverse Ranges in the north. The series of mountain ranges are separated by northwest trending valleys, subparallel to faults branching from the San Andreas Fault System. Igneous, metamorphic, and sedimentary rocks are all found within the Peninsular Ranges Province. Plutonic (igneous) rocks of the Peninsular Ranges batholith are predominant throughout much of the Province. The batholithic rocks were emplaced during Cretaceous-age orogenic events, and uplifted into the present mountain ranges during the late Tertiary and Quaternary.

The coastal section of the Province is underlain by a thick sequence of marine- and terrestrial-derived sedimentary rock units that unconformably overlie basement rocks. Nearly flat marine terraces lie at different elevations throughout the coastal section of the Province as a result of sea floor erosion during marine standstills and subsequent Quaternary faulting and uplift. According to geologic map sources and information from previous boring and assessment work conducted at the Site contained in the October 25, 2010 CAP prepared by Brown and Caldwell, stratigraphy of the Site includes artificial fill material, alluvium and colluviums deposited by Buena Vista Creek, the Eocene-aged Santiago Formation and the Cretaceous-aged bedrock. The bedrock is characterized by dark gray, fine- to medium-grain gabbro and tonalite with moderate to intense fracturing where exposed. The bedrock is exposed over a majority of the cut-slopes located east and west and south of the former operational area. The Santiago Formation is characterized by light green-gray, fine- to medium-grained sandstones and silty sandstones, interbedded with silty claystone and mud. Four sub-units of the Santiago Formation were encountered at the Site at varying depths across the Site. The alluvium and colluvium overlies the Santiago Formation throughout the majority of the Site and are characterized by fine- to medium-grained, grey to brown sands, interbedded with silts and clays. The variable thickness and location of the alluvium and colluvium is partly due to its removal during aggregate excavation and distribution as waste from the aggregate mining. The fill material observed at the Site is characterized by greenish brown to dark brown sand with a high silt and clay content. The origin of the fill material is a nearby construction site (new Carlsbad High School facility).

Major known active faults in the region consist generally of en-echelon, northwest striking, right-lateral, strike-slip faults. The Rose Canyon Fault Zone and the Christianitos Fault Zone are mapped off-shore to the west and northwest of the Site. The Site is not located within an Alquist-Priolo fault zone.

5.3.3 Hydrogeology

The Site is located within the San Diego Hydrologic Basin Planning Area. According to the *Water Quality Control Plan for the San Diego Basin* (9) (California Regional Water Quality Control Board, 1994), the Site is located in the El Salto Hydrologic Subarea of the Buena Vista Hydrologic Area of the Carlsbad Hydrologic Unit. Groundwater within the El Salto Hydrologic Subarea has been designated for municipal and domestic supply use, agricultural supply, and the potential industrial service supply. Groundwater elevation data have been collected periodically at the Site from 1998 to the present and groundwater has consistently flowed to the southwest from Highway 78 towards Buena Vista Creek. Depth to groundwater at the Site ranges from less than 5 feet below the ground surface to approximately 30 feet below the ground surface.

5.4 Historical Use Information on the Subject Site

CYA reviewed several historical sources (as described in the following sections) to develop a history of the previous uses of the Site, in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the Site.

5.4.1 Fire Insurance Maps

CYA requested Sanborn fire insurance maps from EDR. EDR indicated there was no Sanborn coverage for the Site.

5.4.2 Aerial Photographs

CYA reviewed historical aerial photographs from the years 1928, 1938, 1947, 1953, 1964, 1968, 1975, 1980, 1983, 1989, 1990, 1995, 2003, and 2005 provided by EDR and NETROnline database. The results of the aerial photograph review are summarized in the following table:

Aerial Photograph Review – Subject Site	
Year	Observations
1928, 1938, and 1947	Site coverage was not available for the westernmost portion of the Site in the 1928 aerial photograph. The Site and surrounding properties appear to be vacant, undeveloped and covered by native vegetation and some trees. Portions of the Site appear to have disturbed vegetation. A dwelling and several small structures are situated in the northeastern portion of the Site. An unpaved road is located north of the Site in the approximate location of Haymar Drive. In the 1938 and 1947 aerial photographs, additional areas of vegetation appear to have been cleared throughout the Site. Buena Vista Creek is visible trending to the west with a large pool area to the east. Several tributaries in the southern portion trending north towards Buena Vista Creek are visible.
1953	The Site is mostly similar to the 1947 aerial photograph with the exception of an additional structure visible in the northeastern portion of the Site. In addition, Buena Vista Creek appears to have been partially channelized with several pools/water storage ponds visible in the central and western portions of the Site. In addition, agricultural production (possible dry-land farming) is visible in the cleared areas of the Site. Most remaining native vegetation appears to have been cleared.
1964 and 1968	The Site appears to be partially developed and highly disturbed with the beginning of mining operations in the northeastern and central portions of the Site. Several stream crossings are visible along Buena Vista Creek and several additional structures and piles of rock are visible. Several ponds remain. The central and western portions of the Site appear to be similar to the 1953 aerial photograph with vacant land with some vegetation. Highway 78 is visible to the north of the Site.

Aerial Photograph Review – Subject Site	
Year	Observations
1975, 1980, 1983, 1989, 1990, 1995, and 2003	A quarry operation is visible in the eastern portion of the Site. The former rock crushing plant, conveyor belts, asphalt plants, maintenance building, ASTs, and office buildings are visible. Several ponds are visible as well. The area of disturbance appears to extend farther to the southwest than observed in the 1968 aerial photograph. The western portion of the Site is mostly vacant with the exception of several dirt trails and access roads which are visible traversing the Site. The quarry operations appear to extend off-Site to the east towards College Blvd.
2005	The eastern portion of the Site still appears to be disturbed however; active mining operations are no longer visible. Most of the equipment used in the southeastern portion of the Site appears to be gone and several structures and equipment remain and are still visible in the northern portion of the Site south of Haymar Drive.

5.4.3 State of California Division of Oil and Gas Records

According to online resources provided by the California Department of Conservation, Division of Oil, Gas and Geothermal Resources, there are no oil, gas or geothermal wells located on the Site.

5.5 Historical Use Information on Adjoining Properties

CYA also reviewed several historical sources (as described in the following sections) to develop a history of the previous uses of adjoining properties and the surrounding area, in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the Site.

5.5.1 Fire Insurance Maps

As stated previously, CYA requested Sanborn fire insurance maps from EDR. EDR indicated there was no Sanborn coverage for the adjoining properties of the Site.

5.5.2 Aerial Photographs

As stated previously, CYA reviewed historical aerial photographs from the years 1928, 1938, 1947, 1953, 1964, 1968, 1975, 1980, 1983, 1989, 1990, 1995, 2003, and 2005 provided by EDR and NETROnline database. The results of the aerial photograph review are summarized in the following table:

Aerial Photograph Review – Adjoining and Nearby Properties	
Year	Observations
1928, 1938, 1947, and 1953	Aerial coverage was not available for the western adjoining properties in the 1928 aerial photograph. The adjoining and nearby properties appear to be vacant, undeveloped and covered by native vegetation and some trees. An unpaved road is located north of the Site in the approximate location of Haymar Drive. A single residence is visible in the 1938 aerial photograph to the south of the Site. In the 1947 and 1953 aerial photographs additional areas of vegetation are appear to have been cleared to the north the Site.
1964 and 1968	The adjoining and nearby properties appear to be similar to the 1953 aerial photograph with the exception of Highway 78 is visible to the north of the Site beyond Haymar Drive. Increased areas of clearing are visible to the north of the Site.
1975, 1980, and 1983	The adjoining and nearby properties appear to be similar to the 1968 aerial photograph with the exception of Highway 78 appears to have been widened and new single-family residential development is visible beyond to the north. Structures at the intersection of College Blvd. and Haymar Drive are visible and appear to be a gasoline service station. A larger commercial shopping center is visible farther to the northeast beyond College Blvd. In addition, the quarrying operations at the Site are visible and appear to extend off-Site to the east towards College Blvd. Graded land with possible agricultural row crops and dirt roadways are visible to the south of the Site. Adjoining properties to the west are mostly vacant land with multi-family residential structures beyond.
1989, 1990, and 1995	The adjoining and nearby properties appear to be similar to the 1983 aerial photograph with the exception of the graded land with possible agricultural row crops and dirt roadways to the south of the Site are no longer present and have been redeveloped with single-family residences. Nearby properties in all directions appear to be more developed with commercial structures farther to the east.
2003 and 2005	The adjoining and nearby properties appear to be similar to the 1995 aerial photograph with the exception of the car dealership structure adjoining to the northeast is now visible fronting Haymar Drive. Also, in the 2003 aerial photograph the mining operations currently conducted on the eastern adjoining property are no longer active. The vacant graded building pad for the Quarry Creek Shopping Center is visible in the 2003 aerial photograph and the completed shopping center is visible in the 2005 aerial photograph. Additional development is visible to farther to the east along College Blvd. and farther to the south.

5.5.3 State of California Division of Oil and Gas Records

According to online resources provided by the California Department of Conservation, Division of Oil, Gas and Geothermal Resources, there are no oil, gas or geothermal wells located on adjoining properties of the Site.

6.0 Site Reconnaissance

The objective of the Site reconnaissance was to obtain information indicating the likelihood of recognized environmental conditions in connection with the Site. The reconnaissance was conducted on April 27, 2012 by CYA. CYA was accompanied by Mr. Jonathan T. Kruer of J.T. Kruer & Company during the Site reconnaissance.

6.1 Methodology and Limiting Conditions

The Site reconnaissance consisted of inspecting the Site and walking accessible dirt roads and pathways at the Site and roadways and pedestrian walkways surrounding the Site. Full access to the Site was provided. As stated previously, a Site Plan is included in Section 13.2. Photographs of the Site were taken to document existing Site conditions and several are included and described in Section 13.3.

6.2 General Site Setting

As stated previously, the Site is $160 \pm$ acres and consists of three legal parcels located in and between Carlsbad and Oceanside, California. The eastern portion of the Site is currently vacant graded land that is being reclaimed from a former quarry mining operation and being prepared for residential development. The western portion of the Site is currently vacant open space. With the exception of the relevant items discussed in Section 4.8 and 6.3 (below), the current use of the Site is not one that is indicative of the use, treatment, storage, disposal or generation of hazardous substances or petroleum products. Current uses of adjoining and nearby properties are generally for commercial and residential purposes and are not ones that are indicative of the use, treatment, storage, disposal or generation of hazardous substances or petroleum products.

6.3 Interior and Exterior Observations

CYA examined accessible areas of the Site for evidence of the following potential environmental concerns:

Conditions	Not Observed or Noted	Observed or Noted	Significant Concern?
Hazardous Substances/Petroleum Products		X	No
Waste Generation/Storage/Disposal		X	No
ASTs	X		--
USTs	X		--
PCB Containing Equipment		X	No
Chemical/Petroleum Odors	X		--
Pools of Liquid	X		--
Floor Drains/Sumps/Wells	X		--
Drums		X	No
Stains or Corrosion	X		--
Unidentified Substance Containers	X		--
Stained Soil or Pavement	X		--
Stressed Vegetation	X		--
Pits, Ponds or Lagoons		X	No
Wastewater Discharges/Disposal Systems	X		--

Conditions	Not Observed or Noted	Observed or Noted	Significant Concern?
Septic Systems/Cesspools	X		--
Non-Hazardous Solid Waste Disposal Area	X		--
Drinking Water Systems/Water Wells/Other Wells	X		--
Other	X		--

The noted items in the table above are discussed below:

Hazardous Substances/Petroleum Products, Waste Generation / Storage/ Disposal, and Drums

- During the Site reconnaissance, CYA observed five 55-gallon drums of grease and waste oil produced at the Site. They are stored on a pallet with visqueen sheeting beneath in a fenced compound area of the Site in its northeastern area where current tools and equipment are stored. No evidence of releases or staining in the vicinity of the drums was observed. In addition, nine empty 55-gallon drums are stored in this area and will reportedly be used as need to dispose of any hazardous materials/substances. Thus, the presence of the five 55-gallons drums containing stored grease and waste oil prior to offsite disposal and the presence of 9 empty 55-gallon drums is not considered to be an environmental concern to the Site.

PCB Containing Equipment

- CYA observed five pole-mounted electrical transformers at the Site during the Site reconnaissance. One pole-mounted transformer was observed near the onsite artesian spring pond and a second electrical pole farther to the north contained three pole-mounted electrical transformers associated with onsite electrical power. In addition, one pole-mounted electrical transformer was observed on the north side of the Site to the south of Haymar Drive. The transformers are owned by SDG&E and were not labeled with respect to potential PCB content. The transformers appeared to be in good condition with no evidence of damage, leaks, or staining on or around the units. Based on the utility ownership of the transformers and observed condition of the units, CYA does not consider the transformers to be a concern to the Site.

Pits, Ponds, or Lagoons

- CYA observed several pits with ponded rainwater in the southern portion of the Site. The pit was reportedly a storm water retention basin. Based on the recent rains, the pond was observed to contain storm water. In addition, a pond was observed in the northern central portion of the Site. The pond was reportedly an artesian spring that produced groundwater that was used for dust control during the reclamation activities at the Site. The presence of the pits and the pond are not considered to be environmental concerns to the Site.

7.0 Interview Information

7.1 Interview With Owner

As stated previously, the majority of the Site (APNs 167-040-21 and 167-040-11) is currently owned by Hanson Aggregates Pacific Southwest, Inc. Such parcels will reportedly be sold to Quarry Creek Investors, LLC who will be considered to be the property manager of the Site during the residential development phase of the project. The portion of the Site identified by APN 168-011-20 is currently owned by Quarry Creek Investors, LLC. Reclamation of a portion of the Site is being overseen by J.T. Kruer & Company on behalf of Hanson Aggregates and began in 2011. Reclamation is expected to be completed in mid-2012 prior to the sale of the Site. A no further action letter will reportedly be issued by the DEH prior to the sale of the Site. CYA interviewed the President of J.T. Kruer & Company, Mr. Jonathan T. Kruer, during the preparation of this assessment. Mr. Kruer was aware of the extensive assessment and remediation activities that were completed at the Site. Mr. Kruer indicated that he is unaware of any additional adverse environmental issues associated with the Site or environmental liens and deed restrictions associated with the Site.

7.2 Interview With Site Manager

The entities referenced in Section 7.1 are also considered to be the Site managers.

7.3 Interviews With Occupants

The Site is undergoing reclamation and has no known occupants.

7.4 Interview With Local Government Official

During the preparation of this assessment, multiple governmental agency representatives were interviewed regarding the availability of public records pertaining to the Site.

7.5 Interview With Others

CYA interviewed a representative of Brown and Caldwell, an environmental consultant for Hanson, regarding the status of remedial activities at the Site. CYA was informed that reclamation work that was to be initiated in the summer of 2011 was delayed for various reasons, but the work and associated regulatory negotiation is now (i.e., May 7, 2012) nearly complete. Remedial work included removal of petroleum impacted soil, reuse of a limited amount of petroleum impacted soil in a slope area in the northern portion of the Site and groundwater monitoring (to verify that a natural attenuation remedy would be an appropriate remedial option). Groundwater monitoring results were reportedly favorable and all groundwater monitoring wells have reportedly been removed/abandoned. The only remaining remedial work to be completed at this time is reportedly the removal of an approximately 13,500 cubic yard stockpile of petroleum hydrocarbon impacted soil to an off-Site, regulated receiving facility. Regulatory closure of the Site by the County of San Diego DEH is reportedly forthcoming in the near future.

No other interviews were conducted as a part of this assessment.

8.0 Findings, Opinion and Conclusions

CYA has performed a Phase I Environmental Site Assessment, in conformance with the scope and limitations of ASTM Practice E 1527-05 and 40 CFR Part 312 of the property known as Quarry Creek located to the south of Highway 78 / Haymar Drive and to the west of the terminus of Marron Road in Carlsbad, California. Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report.

The residual petroleum hydrocarbon soil and groundwater impacts beneath portions of the Site are considered to be a recognized environmental condition in connection with the Site. However, CYA does not recommend additional assessment or action be conducted by the client at this time. This opinion is based on the following:

- Remedial work that is on-going at the Site is nearly complete and Site closure by the lead regulatory agency for the Site is reportedly imminent.
- Closure of the Site is not expected to be adversely conditional. As such, and upon completion of the remedial activities, the Site is expected to support residential land development, as presently planned.

No other recognized environmental conditions in connection with the Site were identified during the preparation of this assessment.

9.0 Deviations and Data Gaps

The following data gap was noted during the preparation of this assessment:

- A review of historical resources dating to when the Site was undeveloped were not available for review during the preparation of this assessment.

This data gap is not considered to be significant or one that would alter CYA's conclusions and recommendations regarding the Site.

No deviations or other data gaps as defined in the ASTM-2005 standard were noted during the preparation of this assessment.

10.0 Additional Services

No other additional services were completed by CYA during the preparation of this assessment.

11.0 References

ASTM, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM Designation E 1527-05;

California State Water Resources Control Board, GeoTracker online database:
<http://www.geotracker.swrcb.ca.gov>;

California State Water Resources Control Board, Water Quality Control Plan for the San Diego Basin (9), San Diego, California, Published 1994;

Environmental Data Resources Services, Regulatory Database report dated May 3, 2012;

State of California Department of Conservation, Division of Oil and Gas and Geothermal Resources: http://www.consrv.ca.gov/DOG/maps/index_map.htm;

USGS topographic map, San Luis Rey, California Quadrangle (1997).

12.0 Signatures and Qualifications of Environmental Professionals

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR 312.10. We have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject Site. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Colin P. Young, CIH
Principal



Daniel Weis, R.E.H.S., REA
Associate Environmental Scientist

Environmental professional qualifications are included in Section 13.6.

13.0 Appendices

13.1 Vicinity Map



C Young Associates
1042 Skylark Drive
La Jolla, CA 92037

Vicinity Map
Quarry Creek
Carlsbad, California

13.2 Site Plan



Approximate Site Boundary



Approximate Location of Buena Vista Creek



No Scale

C Young Associates
1042 Skylark Drive
La Jolla, CA 92037

Site Plan
Quarry Creek
Carlsbad, California

13.3 Site Photographs

PHOTO 1.

View of the northeastern side of the Site from the eastern Site boundary looking to the northwest.



PHOTO 2.

View from the southeastern side of the Site from the eastern Site boundary looking to the west.



PHOTO 3.

View from the eastern side of the Site from Haymar Drive and looking to the south.



PHOTO 4.

View of the northeastern portion of the Site looking from the central portion and looking to the northeast.



PHOTO 5.

View of Buena Vista Creek located in the central portion of the Site looking to the southeast.



PHOTO 6.

View of the southeastern portion of the Site looking to the southwest.



PHOTO 7.

View of the northern central portion of the Site looking to the east.



PHOTO 8.

View from the southern central portion of the Site looking to the northwest.



PHOTO 9.

View of the vacant western portion of the Site looking to the southwest.



PHOTO 10.

View of the waste oil and grease stored in five 55-gallon drums located in the northeastern portion of the Site looking to the north.



PHOTO 11.

View of five of the nine empty 55-gallon drums observed in the northeastern portion of the Site looking to the southeast.



PHOTO 12.

View of one of several storm water detention basins observed in the southern portion of the Site.



PHOTO 13.

View of the on-Site pond in the northern central portion of the Site which is reportedly fed by an artesian spring looking to the southwest.



PHOTO 14.

View of one of several remaining soil stockpiles located in the southeastern portion of the Site looking to the east.



PHOTO 15.

View of one of five pole-mounted electrical transformers observed at the Site looking from the northeast corner of the Site to the southwest.



PHOTO 16.

View of the Site in the foreground with Haymar Drive and Highway 78 in the background looking to the north.



PHOTO 17.

View from the northeastern corner of the Site of the adjacent Haymar Drive and Highway 78 in the right-hand portion of the photograph looking to the west.



PHOTO 18.

View from the northeastern corner of the Site of the adjacent Nissan Car Dealership to the northeast of the Site looking to the east.



PHOTO 19.

View of the Quarry Creek Shopping Center adjacent to the southeast of the Site looking to the east.



PHOTO 20.

View of the vacant land adjacent to the south of the Site with residences beyond looking to the south.



PHOTO 21.

View of the vacant open space land adjacent to the west of the Site looking to the southwest.



13.4 Title Reports

Updated 07-05-2011



First American Title

First American Title Company

**4380 La Jolla Village Drive, #200
San Diego, CA 92122**

Don Mitchell
The Corky McMillin Companies
2750 Womble Road
San Diego, CA 92106

Customer Reference:	Quarry Creek
Order Number:	3146602 (06)
Title Officer:	Dianne Livingston
Phone:	(858)410-1303
Fax No.:	(866)559-1843
E-Mail:	dslivingston@firstam.com
Buyer:	
Owner:	Quarry Creek Investors, LLC
Property:	Vacant Land Oceanside, CA

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties.* Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

Order Number: 3146602 (06)

Page Number: 2

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated as of June 30, 2011 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

TO BE DETERMINED

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

QUARRY CREEK INVESTORS, LLC, A DELAWARE LIMITED LIABILITY COMPANY

The estate or interest in the land hereinafter described or referred to covered by this Report is:

A fee as to Parcel(s) A, an easement as to Parcel(s) B.

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2011-2012, a lien not yet due or payable.
2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.
3. The following recitals contained in deed from Vista Irrigation District, recorded July 17, 1945 in Book 1901, Page 429 of Official Records:

"That the discharge from the Vista Sanitary District flows to, upon, and across said premises, and the right of such sanitary district to continue such flowage permanently is hereby acknowledged and accepted by grantee and his successors in interest."

"One-half of all petroleum and gas, if any, all allied hydrocarbonaceous substances beneath the surface of said premises are reserved permanently to grantor, its assigns or successors; together with the necessary right of ingress, egress and minimum occupancy for the purpose of prospecting for and production of the same at any time."

By an instrument recorded March 29, 1960 as Instrument No. 64154 of Official Records, all rights to enter upon said land and to bore wells, make excavations and to remove one-half of all petroleum and gas, if any, and all allied hydrocarbonaceous substances found in said land were relinquished.

Affects a Portion of Parcel 2 of Parcel Map No. 10749.

By an instrument recorded December 10, 1959 in Book 8039, Page 226 of Official Records, all rights to enter upon said land and to bore wells, make excavations and to remove one-half of said oil, gas and minerals found in said land were relinquished.

By an instrument recorded October 21, 1971 as Instrument No. 243608 of Official Records, all rights of entry to said premises within a depth of 500 feet from the surface thereof were relinquished as to a portion.

The effect of a document entitled Quitclaim of the Right to Enter (542), recorded March 12, 2001 as Instrument No. 2001-0140045 of Official Records.

The effect of a document entitled Corporation Quitclaim Deed (552), recorded August 24, 2001 as Instrument No. 2001-0604911 of Official Records.

4. The terms and provisions contained in the document entitled Agreement regarding a Water Line and Effect Improvements to the Entire Channel of Buena Vista Creek executed by and between South Coast Asphalt Products Co., Inc., a California Corporation and Eric Sundt, an unmarried man recorded June 2, 1987 as Instrument No. 87-303412 of Official Records.

Document(s) declaring modifications thereof recorded February 18, 1999 as Instrument No. 1999-0102256 of Official Records.

5. The fact that a portion of said land could be subject to inundation, as disclosed by an agreement recorded June 2, 1987 as Instrument No. 87-303412 of Official Records.

6. An easement for landscape and slope maintenance and incidental purposes, recorded June 2, 1987 as Instrument No. 87-303413 of Official Records.

In Favor of: Eric Sundt, an unmarried man

Affects: Portion of Parcel 2 of Parcel Map No. 10749

Document(s) declaring modifications thereof recorded February 18, 1999 as Instrument No. 1999-0102256 of Official Records.

7. An easement for installation of irrigation improvement, landscaping and incidental purposes, recorded February 16, 1990 as Instrument No. 90-086570 of Official Records.

In Favor of: I. Eric Sundt, an unmarried man

Affects: A portion of Parcel 2 of Parcel Map No. 10749

8. An irrevocable offer of dedication for public right of way and incidental purposes, recorded November 3, 1993 as Instrument No. 1993-0738628 of Official Records.

To: City of Oceanside, a Municipal Corporation

9. The terms, conditions and provisions contained in Conditional Use Permit No. C-9-92, as disclosed by instrument recorded December 9, 1993 as Instrument No. 1993-0828040 of Official Records.

10. Covenants, conditions, restrictions and easements in the document recorded December 9, 1993 as Instrument No. 1993-0828040 of Official Records, which provide that a violation thereof shall not defeat or render invalid the lien of any first mortgage or deed of trust made in good faith and for value, but deleting any covenant, condition or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, sexual orientation, marital status, ancestry, disability, handicap, familial status, national origin or source of income (as defined in California Government Code §12955(p)), to the extent such covenants, conditions or restrictions violate 42 U.S.C. § 3604(c) or California Code §12955. Lawful restrictions under state and federal law on the age of occupants in senior housing or housing for older persons shall not be construed as restrictions based on familial status.
11. Any rights, interests or claims which may exist or arise by reason of the following facts as disclosed by ALTA Survey prepared by O'day Consultants, under Job No. 99-1020, dated August 18, 1999:
 1. A portion of said land lies within the 100 year flood zone.
 2. The terms and conditions regarding the use of Parcel B as contained in instrument recorded December 1, 1980 as Instrument No. 80-403229 of Official Records.
12. Lack of actual vehicular or actual pedestrian access, or both, to and from the land, whether or not based upon a legal right.
13. The fact that the land lies within the boundaries of the Vista Redevelopment Project Area, Amendment No. 4, as disclosed by the document recorded November 6, 2008 as Instrument No. 2008-0580386 of Official Records.
- 13a. Covenants, conditions, restrictions and easements in the document recorded March 14, 2011 as Instrument No. 2011-0135699 of Official Records, but deleting any covenant, condition, or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, sexual orientation, marital status, ancestry, disability, handicap, familial status, national origin or source of income (as defined in California Government Code §12955(p)), to the extent such covenants, conditions or restrictions violate 42 U.S.C. §3604(c) or California Government Code §12955. Lawful restrictions under state and federal law on the age of occupants in senior housing or housing for older persons shall not be construed as restrictions based on familial status.
14. Any easements and/or servitudes affecting easement parcel(s) B herein described.
15. Rights of parties in possession.

Prior to the issuance of any policy of title insurance, the Company will require:

16. With respect to Quarry Creek Investors, LLC, a Delaware limited liability company:
 - a. A copy of its operating agreement and any amendments thereto;
 - b. If it is a California limited liability company, that a certified copy of its articles of organization (LLC-1) and any certificate of correction (LLC-11), certificate of amendment (LLC-2), or restatement of articles of organization (LLC-10) be recorded in the public records;
 - c. If it is a foreign limited liability company, that a certified copy of its application for registration (LLC-5) be recorded in the public records;
 - d. With respect to any deed, deed of trust, lease, subordination agreement or other document or instrument executed by such limited liability company and presented for recordation by the

Company or upon which the Company is asked to rely, that such document or instrument be executed in accordance with one of the following, as appropriate:

(i) If the limited liability company properly operates through officers appointed or elected pursuant to the terms of a written operating agreement, such document must be executed by at least two duly elected or appointed officers, as follows: the chairman of the board, the president or any vice president, and any secretary, assistant secretary, the chief financial officer or any assistant treasurer;

(ii) If the limited liability company properly operates through a manager or managers identified in the articles of organization and/or duly elected pursuant to the terms of a written operating agreement, such document must be executed by at least two such managers or by one manager if the limited liability company properly operates with the existence of only one manager.

e. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require.

INFORMATIONAL NOTES

Note: The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that issued this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be issued in connection with your transaction.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

1. General and special taxes and assessments for the fiscal year 2010-2011.

First Installment:	\$3,704.15, PAID
Penalty:	\$0.00
Second Installment:	\$3,704.15, PAID
Penalty:	\$0.00
Tax Rate Area:	07018
A. P. No.:	168-011-20-00

LEGAL DESCRIPTION

Real property in the City of Oceanside, County of San Diego, State of California, described as follows:

PARCEL A:

PARCEL 2 AS SHOWN ON CERTIFICATE OF COMPLIANCE NO. PLA-07-03 AS EVIDENCED BY DOCUMENT RECORDED JUNE 23, 2003 AS INSTRUMENT NO. 2003-0739964 OF OFFICIAL RECORDS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THAT PORTION OF PARCEL 2 OF PARCEL MAP NO. 10749 IN THE CITY OF OCEANSIDE, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY DECEMBER 1, 1980 AS INSTRUMENT NO. 80-402737 OF OFFICIAL RECORDS, TOGETHER WITH THAT PORTION OF LOT "D" OF RANCHO AGUA HEDIONDA, IN THE CITY OF OCEANSIDE, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 823, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, NOVEMBER 16, 1896, AS DESCRIBED IN PARCEL C OF CERTIFICATE OF COMPLIANCE RECORDED FEBRUARY 9, 1990, AS INSTRUMENT NO. 90-075429 OF OFFICIAL RECORDS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF SAID PARCEL 2; THENCE ALONG THE WESTERLY LINE THEREOF NORTH 01°11'06" WEST 675.12 FEET TO THE NORTHWEST CORNER OF PARCEL B PER CERTIFICATE OF COMPLIANCE RECORDED FEBRUARY 9, 1990 AS INSTRUMENT NO. 90-075429; THENCE LEAVING SAID PARCEL 2 LINE ALONG THE NORTHERLY AND EASTERLY LINES OF SAID PARCEL B THE FOLLOWING COURSES:

SOUTH 72°07'29" EAST, 52.89 FEET; THENCE NORTH 87°58'20" EAST, 63.71 FEET; THENCE SOUTH 61°29'25" EAST 22.22 FEET; THENCE SOUTH 29°55'42" EAST, 82.67 FEET; THENCE SOUTH 72°13'09" EAST, 71.30 FEET; THENCE SOUTH 61°29'25" EAST, 57.49 FEET; THENCE SOUTH 19°58'32" EAST 86.90 FEET; THENCE SOUTH 03°45'56" EAST, 216.96 FEET TO THE SOUTHEAST CORNER OF SAID PARCEL B, SAID POINT BEING AN ANGLE POINT OF THE NORTHERLY LINE OF PARCEL C OF SAID CERTIFICATE OF THE COMPLIANCE; THENCE LEAVING SAID PARCEL B ALONG SAID PARCEL C SOUTH 44°27'20" EAST 80.34 FEET; THENCE LEAVING SAID PARCEL C LINE, SOUTH 65°03'23" WEST, 252.42 FEET; THENCE SOUTH 42°13'18" WEST, 114.44 FEET; THENCE SOUTH 68°35'49" WEST, 78.06 FEET TO AN INTERSECTION WITH THAT COURSE WHICH CONNECTS CORNER NOS. 6 AND 7 OF LOT "D" OF RANCHO AQUA HEDIONDA ACCORDING TO MAP THEREOF NO. 823 FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY NOVEMBER 16, 1896; THENCE ALONG SAID COURSE NORTH 01°13'04" WEST, 45.68 FEET TO THE POINT OF BEGINNING.

PARCEL B:

AN IRREVOCABLE RIGHT AND PRIVILEGE FOR THE PURPOSE OF DEPOSITING WINDBLOWN DUST OR OTHER PARTICLES THEREON AND FOR ALLOWING SOUND WAVES OR VIBRATIONS TO PASS OVER, UNDER OR THROUGH THAT CERTAIN PROPERTY AS SET FORTH AND DESCRIBED IN INSTRUMENT ENTITLED "GRANT OF EASEMENT AND ESTABLISHMENT OF IRREVOCABLE LICENSE AND COVENANTS RUNNING WITH THE LAND" RECORDED DECEMBER 1, 1980 AS INSTRUMENT NO. 80-403229 OF OFFICIAL RECORDS.

APN: 168-011-20-00

NOTICE

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

If you have any questions about the effect of this new law, please contact your local First American Office for more details.



First American Title

This report has been amended/updated to reflect the following matters:

- ☐ No changes made to the report other than the Effective Date
- ☐ Property address has been revised
- ☐ Vesting has been revised
- ☐ Legal Description has been revised
- ☒ Taxes have been updated
- ☐ Original item number(s) have been removed
- ☐ New item number(s) have been added
- ☐ Original item number(s) have been revised
- ☐ Other:

Revised 1-31-2012



First American Title

First American Title Company

**4380 La Jolla Village Drive, #200
San Diego, CA 92122**

Don Mitchell
The Corky McMillin Companies
2750 Womble Road
San Diego, CA 92106

Customer Reference: Quarry Creek

Order Number: 3146603 (06)

Title Officer: Dianne Livingston
Phone: (858)410-1303
Fax No.: (866)559-1843
E-Mail: dslivingston@firstam.com

Buyer:

Owner: Hanson Aggregates Pacific Southwest
Property: Vacant Land
Carlsbad, CA

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties.* Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

First American Title

Order Number: 3146603 (06)

Page Number: 3

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated as of October 07, 2011 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

TO BE DETERMINED

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

Hanson Aggregates Pacific Southwest, Inc., a Delaware Corporation, formerly known as Sim J. Harris Company, a Delaware Corporation, successor by Merger to South Coast Materials Company, a California Corporation, formerly known as South Coast Asphalt Products Co., a California Corporation

The estate or interest in the land hereinafter described or referred to covered by this Report is:

A fee.

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2011-2012.

First Installment:	\$3,375.15, PAYABLE
Penalty:	\$0.00
Second Installment:	\$3,375.15, PAYABLE
Penalty:	\$0.00
Tax Rate Area:	09014
A. P. No.:	167-040-11-00

2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

3. An easement for poles and incidental purposes, recorded March 4, 1911 in Book 509, Page 267 of Deeds.

In Favor of:	The Pacific Telephone and Telegraph Company
Affects:	The Land

The location of the easement cannot be determined from record information.

4. An easement for landscape and drainage maintenance and for slope stabilization, including but not limited to erosion control and incidental purposes, recorded March 7, 1986 as Instrument No. 86-090570 of Official Records.
In Favor of: Treetops Unlimited, a joint venture
Affects: The Land
5. The effect of a map purporting to show the land and other property, filed as Map No. 12936 of Record of Surveys.
6. The fact that said land lies within the proposed boundaries of Community Facilities District No. 3 Carlsbad Unified School District, County of San Diego, State of California as disclosed by instrument recorded February 9, 1994 as File No. 1994-0090630 of Official Records.

Document(s) declaring modifications thereof recorded March 15, 1994 as Instrument No. 1994-0168850 and March 11, 1999 as Instrument No. 1999-0157103, both of Official Records.
7. Intentionally Deleted
8. The terms and provisions contained in the document entitled "Memorandum of Purchase Agreement" recorded June 23, 2003 as Instrument No. 2003-0739968 of Official Records.
9. The terms and provisions contained in the document entitled "Grant of Perpetual Slope Easement and Temporary Construction Easement" recorded June 23, 2003 as Instrument No. 2003-0739971 of Official Records.
10. Intentionally Deleted
11. Any facts, rights, interests or claims which would be disclosed by a correct ALTA/ACSM survey.
12. Rights of parties in possession.

Prior to the issuance of any policy of title insurance, the Company will require:

13. With respect to Hanson Aggregates Pacific Southwest, Inc., a Delaware corporation:
 - a. A certificate of good standing of recent date issued by the Secretary of State of the corporation's state of domicile.
 - b. A certified copy of a resolution of the Board of Directors authorizing the contemplated transaction and designating which corporate officers shall have the power to execute on behalf of the corporation.
 - c. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require.

INFORMATIONAL NOTES

Note: The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that issued this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be issued in connection with your transaction.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

LEGAL DESCRIPTION

Real property in the City of Carlsbad, County of San Diego, State of California, described as follows:

ALL THAT PORTION OF RANCHO AGUA HEDIONDA, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO PATENT MAP THEREOF, RECORDED IN BOOK 1, PAGE 150 OF PATENTS, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DESCRIBED AS FOLLOWS:

COMMENCING AT CORNER NO. 2 OF SAID RANCHO HEDIONDA; THENCE SOUTH 30° 03' WEST ALONG THE WESTERLY LINE THEREOF, 274.80 FEET, MORE OR LESS, TO THE CENTER LINE OF THE RELOCATION OF COUNTY HIGHWAY COMMISSION ROUTE 14, FROM OCEANSIDE TO VISTA, ACCORDING TO MAP THEREOF, FILED IN THE OFFICE OF COUNTY SURVEYOR OF SAN DIEGO COUNTY; THENCE ALONG SAID CENTER LINE, AS FOLLOWS:

SOUTH 74° 48' EAST, 531.12 FEET TO THE BEGINNING OF A CURVE TO THE LEFT, HAVING A RADIUS OF 2,000.00 FEET; ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 6° 38', A DISTANCE OF 231.55 FEET; SOUTH 83° 31' EAST (DEED SOUTH 81° 26' EAST), 2,345.90 FEET TO THE BEGINNING OF A CURVE TO THE LEFT, HAVING A RADIUS OF 2,000.00 FEET; ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 12° 19' A DISTANCE OF 429.93 FEET; NORTH 84° 10' EAST (DEED NORTH 86° 15' EAST) 145.34 FEET TO THE BEGINNING OF A CURVE TO THE LEFT HAVING A RADIUS OF 400.00 FEET; ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 6° 38', A DISTANCE OF 258.19 FEET; NORTH 47° 11' EAST (DEED NORTH 49° 16' EAST) 100.27 FEET, MORE OR LESS TO THE INTERSECTION WITH THE WESTERLY LINE OF LAND DESCRIBED IN DEED TO ROSA MARRON, DATED DECEMBER 10, 1902 AND RECORDED IN BOOK 324, PAGE 114 OF DEEDS; THENCE ALONG SAID WESTERLY LINE, SOUTH 7° 36' 16" EAST (DEED SOUTH 7° 35' WEST) 1,171.22 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUING SOUTH 7° 36' 16" EAST ALONG SAID WESTERLY LINE, 880.00 FEET TO THE SOUTHWESTERLY CORNER THEREOF, BEING ALSO THE SOUTHEASTERLY CORNER OF LAND DESCRIBED IN DEED TO JOE A. MARRON, DATED APRIL 18, 1918 AND RECORDED IN BOOK 754, PAGE 301 OF DEEDS; THENCE SOUTH 67° WEST, ALONG THE SOUTHERLY LINE OF SAID LAND, 1,709.40 FEET TO THE MOST SOUTHERLY CORNER THEREOF; THENCE NORTH 59° WEST ALONG SAID SOUTHERLY LINE, 900.09 FEET TO THE MOST SOUTHERLY CORNER OF LAND DESCRIBED IN DEED TO JUAN M. MARRON DATED AUGUST 11, 1913 AND RECORDED IN BOOK 616, PAGE 414 OF DEEDS; THENCE NORTH 16° 07' 10" EAST 890.00 FEET TO AN INTERSECTION WITH A LINE WHICH BEARS SOUTH 83° 37' 09" WEST FROM THE TRUE POINT OF BEGINNING; THENCE NORTH 83° 37' 09" EAST, 1,993.84 FEET TO THE TRUE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION LYING WITHIN THE FOLLOWING DESCRIBED LAND:

COMMENCING AT THE NORTHWEST CORNER OF RECORD OF SURVEY NO. 9336, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, MAY 12, 1983 AS FILE NO. 83-157668 OF OFFICIAL RECORDS; THENCE NORTH 70° 04' 42" EAST 1,005.63 FEET TO THE TRUE POINT OF BEGINNING, SAID TRUE POINT OF BEGINNING BEING A POINT ON THE ARC OF A NON-TANGENT 178.00 FOOT RADIUS CURVE, CONCAVE SOUTHEASTERLY A RADIAL LINE TO SAID CURVE BEARS NORTH 52° 29' 44" WEST; THENCE ALONG THE ARC OF SAID CURVE 101.20 FEET THROUGH A CENTRAL ANGLE OF 32° 34' 26"; THENCE NORTH 70° 04' 42" EAST 170.00 FEET TO A 228.00 FOOT RADIUS CURVE, CONCAVE SOUTHERLY; THENCE ALONG THE ARC OF SAID CURVE 87.61 FEET, THROUGH A CENTRAL ANGLE OF 22° 00' 59"; THENCE SOUTH

87° 54' 19" EAST 30.34 FEET; THENCE SOUTH 70° 04' 42" WEST 379.43 FEET TO THE TRUE POINT OF BEGINNING.

APN: 167-040-11-00

NOTICE

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

If you have any questions about the effect of this new law, please contact your local First American Office for more details.



First American Title

This report has been amended/updated to reflect the following matters:

- ☐ No changes made to the report other than the Effective Date
- ☐ Property address has been revised
- ☐ Vesting has been revised
- ☐ Legal Description has been revised
- ☒ Taxes have been updated
- ☒ Original item number(s) 11, 12 and 16 have been removed
- ☒ New item number(s) 23a through 23j have been added
- ☐ Original item number(s) have been revised
- ☐ Other:

Revised 1-31-2012



First American Title

First American Title Company

**4380 La Jolla Village Drive, #200
San Diego, CA 92122**

Don Mitchell
The Corky McMillin Companies
2750 Womble Road
San Diego, CA 92106

Customer Reference: Quarry Creek

Order Number: 3146604 (06)

Title Officer: Dianne Livingston
Phone: (858)410-1303
Fax No.: (866)559-1843
E-Mail: dslivingston@firstam.com

Buyer:

Owner: Hanson Aggregates Pacific Southwest
Property: 3701 Haymar Drive
Carlsbad, CA

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties.* Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

First American Title

Order Number: 3146604 (06)

Page Number: 3

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated as of October 07, 2011 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

TO BE DETERMINED

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

Hanson Aggregates Pacific Southwest, Inc., a Delaware Corporation, formerly known as Sim J. Harris Company, a Delaware Corporation, successor by Merger to South Coast Materials Company, a California Corporation, formerly known as South Coast Asphalt Products Co., a California Corporation

The estate or interest in the land hereinafter described or referred to covered by this Report is:

A fee.

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2011-2012.

First Installment:	\$11,515.90, PAYABLE
Penalty:	\$0.00
Second Installment:	\$11,515.90, PAYABLE
Penalty:	\$0.00
Tax Rate Area:	09014
A. P. No.:	167-040-21-00

2. Intentionally Deleted

3. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

4. An easement for public road and incidental purposes, recorded in Book 257, Page 247 of Deeds.
In Favor of: The County of San Diego
Affects: The Land

The location of the easement cannot be determined from record information.

5. An easement for either or both pole lines, underground conduits and incidental purposes, recorded in Book 511, Page 235 of Deeds.
In Favor of: Pacific Telephone and Telegraph Company
Affects: The Land

The location of the easement cannot be determined from record information.
6. An easement for public road and incidental purposes, recorded June 19, 1928 in Book 1496, Page 100 of Deeds.
In Favor of: The County of San Diego
Affects: The Land
7. An easement for public road and incidental purposes, recorded November 25, 1931 in Book 56, Page 255 of Official Records.
In Favor of: The County of San Diego
Affects: The location of the easement cannot be determined from record information
8. An easement for either or both pole lines, underground conduits and incidental purposes, recorded May 11, 1949 in Book 3200, Page 449 of Official Records.
In Favor of: San Diego Gas and Electrical Company
Affects: The Land
9. Intentionally Deleted
10. An easement for sewer pipe line and incidental purposes, recorded April 20, 1961 as Instrument No. 68841 of Official Records.
In Favor of: The City of Oceanside
Affects: The location of the easement cannot be determined from record information
11. Intentionally Deleted
12. Intentionally Deleted
13. Abutter's rights of ingress and egress to or from the highway, adjacent thereto have been relinquished in the document recorded November 13, 1964 as Instrument No. 206558 of Official Records.
14. An easement for either or both pole lines, underground conduits and incidental purposes, recorded March 31, 1966 as Instrument No. 54146 of Official Records.
In Favor of: San Diego Gas and Electrical Company
Affects: The Land

15. An easement for either or both pole lines, underground conduits and incidental purposes, recorded June 29, 1967 as Instrument No. 94628 of Official Records.
In Favor of: San Diego Gas and Electrical Company
Affects: The Land
16. Intentionally Deleted
17. An easement for landscape and drainage maintenance and for slope stabilization, including but not limited to erosion control and incidental purposes, recorded March 7, 1986 as Instrument No. 86-090570 of Official Records.
In Favor of: Treetops Unlimited, a joint venture
Affects: The Land
18. The effect of a map purporting to show the land and other property, filed as Map No. 12936 of Record of Surveys.
19. The fact that said land lies within the proposed boundaries of Community Facilities District No. 3 Carlsbad Unified School District, County of San Diego, State of California as disclosed by instrument recorded February 9, 1994 as File No. 1994-0090630 of Official Records.

Document(s) declaring modifications thereof recorded March 15, 1994 as Instrument No. 1994-0168850 and March 11, 1999 as Instrument No. 1999-0157103, both of Official Records.
20. Intentionally Deleted
21. The terms and provisions contained in the document entitled "Memorandum of Purchase Agreement" recorded June 23, 2003 as Instrument No. 2003-0739968 of Official Records.
22. The terms and provisions contained in the document entitled "Grant of Perpetual Slope Easement and Temporary Construction Easement" recorded June 23, 2003 as Instrument No. 2003-0739971 of Official Records.
23. Intentionally Deleted
- 23a. Covenants, conditions, restrictions and easements in the document recorded March 14, 2011 as Instrument No. 2011-0135700 of Official Records, but deleting any covenant, condition, or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, sexual orientation, marital status, ancestry, disability, handicap, familial status, national origin or source of income (as defined in California Government Code §12955(p)), to the extent such covenants, conditions or restrictions violate 42 U.S.C. §3604(c) or California Government Code §12955. Lawful restrictions under state and federal law on the age of occupants in senior housing or housing for older persons shall not be construed as restrictions based on familial status.
- 23b. The terms and provisions contained in the document entitled "Notice of Restriction on Real Property" recorded April 4, 2011 as Instrument No. 2011-0172077 of Official Records.

- 23c. The terms and provisions contained in the document entitled "Permanent Stormwater Quality Best Management Practice Maintenance Agreement" recorded July 7, 2011 as Instrument No. 2011-0344518 of Official Records.
- 23e. The terms and provisions contained in the document entitled "Hold Harmless Agreement (Geological Failure)" recorded July 21, 2011 as Instrument No. 2011-0371076 of Official Records.
- 23d. The terms and provisions contained in the document entitled "Hold Harmless Agreement (Drainage)" recorded July 21, 2011 as Instrument No. 2011-0371077 of Official Records.
- 23f. The terms and provisions contained in the document entitled "Levee Maintenance Agreement" recorded July 21, 2011 as Instrument No. 2011-0371083 of Official Records.
- 23g. The terms and provisions contained in the document entitled "Encroachment Removal Agreement (Proposed Encroachment on Right-of-Way)" recorded July 27, 2011 as Instrument No. 2011-0382141 of Official Records.
- 23h. Covenants, conditions, restrictions and easements in the document recorded August 25, 2011 as Instrument No. 2011-0439455 of Official Records, but deleting any covenant, condition, or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, sexual orientation, marital status, ancestry, disability, handicap, familial status, national origin or source of income (as defined in California Government Code §12955(p)), to the extent such covenants, conditions or restrictions violate 42 U.S.C. §3604(c) or California Government Code §12955. Lawful restrictions under state and federal law on the age of occupants in senior housing or housing for older persons shall not be construed as restrictions based on familial status.
- 23i. A claim of lien recorded September 19, 2011 as Instrument No. 2011-0484835 of Official Records.
Lien claimant: Noise Blankets and More 730862
Amount: \$126,000.00
- 23j. Any statutory lien for labor or materials arising by reason of a work of improvement, as disclosed by a document recorded September 19, 2011 as Instrument No. 2011-0484835 of Official Records.
- 24. Any facts, rights, interests or claims which would be disclosed by a correct ALTA/ACSM survey.
- 25. Rights of parties in possession.

Prior to the issuance of any policy of title insurance, the Company will require:

26. With respect to Hanson Aggregates Pacific Southwest, Inc., a Delaware corporation:
- a. A certificate of good standing of recent date issued by the Secretary of State of the corporation's state of domicile.
 - b. A certified copy of a resolution of the Board of Directors authorizing the contemplated transaction and designating which corporate officers shall have the power to execute on behalf of the corporation.
 - c. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require.

INFORMATIONAL NOTES

Note: The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that issued this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be issued in connection with your transaction.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

LEGAL DESCRIPTION

Real property in the City of Carlsbad, County of San Diego, State of California, described as follows:

THAT PORTION OF RANCHO AGUA HEDIONDA, IN THE CITY OF CARLSBAD, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO PARTITION MAP NO. 823, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, NOVEMBER 16, 1896, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEASTERLY CORNER OF LOT "J" OF SAID RANCHO; THENCE SOUTHWESTERLY ALONG THE NORTHWESTERLY LINE OF SAID LOT "J" SOUTH 69° 36' 25" WEST 2,149.10 FEET RECORD SOUTH 69° 36' 00" WEST 2,152.00 FEET, MORE OR LESS TO THE SOUTHERLY PROLONGATION OF THE WESTERLY LINE OF THE LAND DESCRIBED IN DEED TO ROSA MARRON, RECORDED MAY 1, 1903 IN BOOK 324, PAGE 114 OF DEEDS, RECORDS OF SAN DIEGO COUNTY; THENCE NORTHERLY ALONG SAID PROLONGATION AND SAID WESTERLY LINE NORTH 05° 23' 20" WEST, RECORD NORTH 07° 35' 00" WEST, 1,906.40 FEET, TO AN INTERSECTION WITH THE SOUTHERLY LINE OF LAND DESCRIBED IN A DEED TO THE STATE OF CALIFORNIA FOR FREEWAY PURPOSES, RECORDED NOVEMBER 13, 1964 AS FILE NO. 206558 OF OFFICIAL RECORDS; THENCE ALONG SAID SOUTHERLY BOUNDARY, NORTH 54° 35' 03" EAST 61.20 FEET, RECORD NORTH 54° 12' 28" EAST 66.68 FEET; NORTH 62° 19' 49" EAST, RECORD NORTH 61° 50' 14", EAST 781.78 FEET; NORTH 70° 22' 43" EAST, RECORD NORTH 70° 00' 08" EAST, 160.25 FEET; NORTH 53° 37' 35" EAST, RECORD NORTH 53° 15' 00" EAST, 60.91 FEET; NORTH 11° 22' 59" EAST, RECORD NORTH 11° 00' 24" EAST, 91.21 FEET; NORTH 69° 05' 01" EAST, RECORD NORTH 68° 42' 26" EAST, 625.00 FEET; SOUTH 71° 01' 22" EAST, RECORD SOUTH 71° 23' 57" EAST, 97.79 FEET; SOUTH 29° 15' 52" EAST, RECORD SOUTH 29° 38' 27" EAST, 45.80 FEET; NORTH 89° 44' 27" EAST, RECORD NORTH 89° 21' 52" EAST, 97.35 FEET; NORTH 51° 23' 56" EAST, RECORD NORTH 51° 01' 21" EAST, 180.95 FEET; NORTH 79° 55' 20" EAST 17.18 FEET, RECORD NORTH 79° 32' 45" EAST, 17.12 FEET; NORTH 82° 05' 47" EAST, RECORD NORTH 81° 43' 12" EAST 32.23 FEET; NORTH 20° 31' 54" EAST, RECORD NORTH 28° 09' 19" EAST, 25.12 FEET; NORTH 63° 40' 35" EAST, RECORD NORTH 63° 18' 00" EAST, 67.81 FEET; AND NORTH 84° 42' 03" EAST 126.8 FEET, RECORD NORTH 84° 19' 28" EAST 135.48 FEET, TO THE INTERSECTION WITH THE HEREINBEFORE SAID EASTERLY LINE OF LAND CONVEYED TO SILVESTRE MARRON, SAID POINT OF INTERSECTION BEING ALSO FOR REFERENCE ALONG A RADIAL LINE SOUTH 18° 13' 52" EAST 202.64 FEET FROM THE ENGINEER'S STATION 196 PLUS 96.37 P.O.C. CENTER LINE OF THE DEPARTMENT OF PUBLIC WORKS 1951 SURVEY FOR ROAD XI-SD-196-OCN-A; THENCE SOUTH 01° 19' 47" EAST, 2,063.50 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION, IF ANY, LYING NORTHERLY OF THE SOUTHERLY LINE OF LAND DESCRIBED IN A FINAL ORDER OF CONDEMNATION, RECORDED APRIL 29, 1954 IN BOOK 5223, PAGE 37 OF OFFICIAL RECORDS.

ALSO EXCEPTING THAT PORTION OF LYING WITHIN THE FOLLOWING DESCRIBED LAND:

COMMENCING AT THE NORTHWEST CORNER OF RECORD OF SURVEY NO. 9336, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, MAY 12, 1983 AS FILE NO. 83-157668 OF OFFICIAL RECORDS; THENCE NORTH 70° 04' 42" EAST 1,005.63 FEET TO THE TRUE POINT OF BEGINNING, SAID TRUE POINT OF BEGINNING BEING A POINT ON THE ARC OF A NON-TANGENT 178.00 FOOT RADIUS CURVE, CONCAVE SOUTHEASTERLY A RADIAL LINE TO SAID CURVE BEARS NORTH 52° 29' 44" WEST; THENCE ALONG THE ARC OF SAID CURVE

101.20 FEET THROUGH A CENTRAL ANGLE OF 32° 34' 26"; THENCE NORTH 70° 04' 42" EAST 170.00 FEET TO A 228.00 FOOT RADIUS CURVE, CONCAVE SOUTHERLY; THENCE ALONG THE ARC OF SAID CURVE 87.61 FEET THROUGH A CENTRAL ANGLE OF 22° 00' 59"; THENCE SOUTH 87° 54' 19" EAST 30.34; THENCE SOUTH 70° 04' 42" WEST 379.43 FEET TO THE TRUE POINT OF BEGINNING.

APN: 167-040-21-00

NOTICE

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

If you have any questions about the effect of this new law, please contact your local First American Office for more details.

13.5 Regulatory Records Documentation

13.5.1 EDR Regulatory Database Report

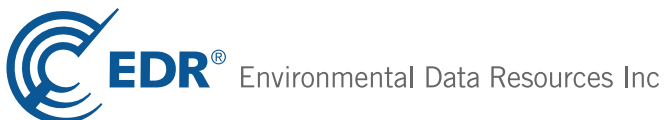


Quarry Creek

3701 Haymar Drive
Carlsbad, CA 92010

Inquiry Number: 3315395.1s
May 03, 2012

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3701 HAYMAR DRIVE
CARLSBAD, CA 92010

COORDINATES

Latitude (North): 33.1779000 - 33° 10' 40.44"
Longitude (West): 117.3029000 - 117° 18' 10.44"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 471760.6
UTM Y (Meters): 3670858.2
Elevation: 88 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33117-B3 SAN LUIS REY, CA
Most Recent Revision: 1997

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
SOUTH COAST ASPHALT PRODS. CO 3701 HAYMAR RD CARLSBAD, CA 92008	EMI	N/A
SOUTH COAST MATERIALS CO 3701 HAYMAR DR CARLSBAD, CA 92008	RCRA-SQG FINDS LUST SWEEPS UST San Diego Co. HMMD SAN DIEGO CO. SAM	CAD981369481
HANSON AGGREGATES 3701 HAYMAR DR CARLSBAD, CA 92008	HAZNET	N/A

EXECUTIVE SUMMARY

HANSON AGGREGATES - CARLSBAD 3701 HAYMAR RD CARLSBAD, CA 92008	EMI	N/A
CARLSBAD PLANTS 1 AND 2 3701 HAYMAR DRIVE CARLSBAD, CA 92008	HIST UST	N/A
SOUTH COAST MATERIALS 3701 HAYMAR CARLSBAD, CA 92008	NPDES HIST CORTESE LUST Status: Open - Remediation SLIC Facility Status: Open - Site Assessment Facility Status: Open - Remediation ENVIROSTOR Status: Refer: 1248 Local Agency Status: Refer: Other Agency	N/A
SOUTH COAST ASPHALT PRODUCTS 3701 HAYMAR DR 3.1 MI E OF I-5 CARLSBAD, CA 92008	CERC-NFRAP	CAD009548371

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

EXECUTIVE SUMMARY

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

EXECUTIVE SUMMARY

ODI.....	Open Dump Inventory
WMUDS/SWAT.....	Waste Management Unit Database
SWRCY.....	Recycler Database
HAULERS.....	Registered Waste Tire Haulers Listing

Local Lists of Hazardous waste / Contaminated Sites

US CDL.....	Clandestine Drug Labs
HIST Cal-Sites.....	Historical Calsites Database
SCH.....	School Property Evaluation Program
Toxic Pits.....	Toxic Pits Cleanup Act Sites
CDL.....	Clandestine Drug Labs
US HIST CDL.....	National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST.....	Facility Inventory Database
-----------------	-----------------------------

Local Land Records

LIENS 2.....	CERCLA Lien Information
LUCIS.....	Land Use Control Information System
LIENS.....	Environmental Liens Listing
DEED.....	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing

Other Ascertainable Records

RCRA-NonGen.....	RCRA - Non Generators
DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
RAATS.....	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
WDS.....	Waste Discharge System

EXECUTIVE SUMMARY

Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
Notify 65.....	Proposition 65 Records
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
ENF.....	Enforcement Action Listing
EMI.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
PROC.....	Certified Processors Database
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
MWMP.....	Medical Waste Management Program Listing

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 03/14/2012 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>TRI-CITY MEDICAL CTR</i> Status: Inactive - Needs Evaluation	<i>4002 VISTA WAY</i>	<i>ENE 1/2 - 1 (0.732 mi.)</i>	<i>15</i>	<i>43</i>

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 01/20/2012 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATION # Status: Completed - Case Closed	3502 COLLEGE	ENE 1/4 - 1/2 (0.450 mi.)	B8	30
SHELL/SOUTHERN CA RETAIL DSTRC REFLECT SHINE CAR WASH Status: Completed - Case Closed Status: Completed - Case Closed	3502 COLLEGE BL 3528 COLLEGE BL	ENE 1/4 - 1/2 (0.450 mi.) ENE 1/4 - 1/2 (0.456 mi.)	B9 10	32 33
TEXACO/COLLEGE BLVD 3401	3401 COLLEGE BLVD	NE 1/4 - 1/2 (0.466 mi.)	C12	36
APRO 44	3401 COLLEGE BLVD	NE 1/4 - 1/2 (0.466 mi.)	C13	37
EXXON SERVICE STATION Status: Open - Site Assessment Status: Completed - Case Closed <i>*Additional key fields are available in the Map Findings section</i>	3401 COLLEGE	NE 1/4 - 1/2 (0.466 mi.)	C14	37

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 01/20/2012 has revealed that there are 2 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATION # Facility Status: Completed - Case Closed	3502 COLLEGE	ENE 1/4 - 1/2 (0.450 mi.)	B8	30
EXXON SERVICE STATION Facility Status: Completed - Case Closed Facility Status: Completed - Case Closed <i>*Additional key fields are available in the Map Findings section</i>	3401 COLLEGE	NE 1/4 - 1/2 (0.466 mi.)	C14	37

SAN DIEGO CO. SAM: The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

A review of the SAN DIEGO CO. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that there are 3 SAN DIEGO CO. SAM sites within approximately 0.5 miles of the target property.

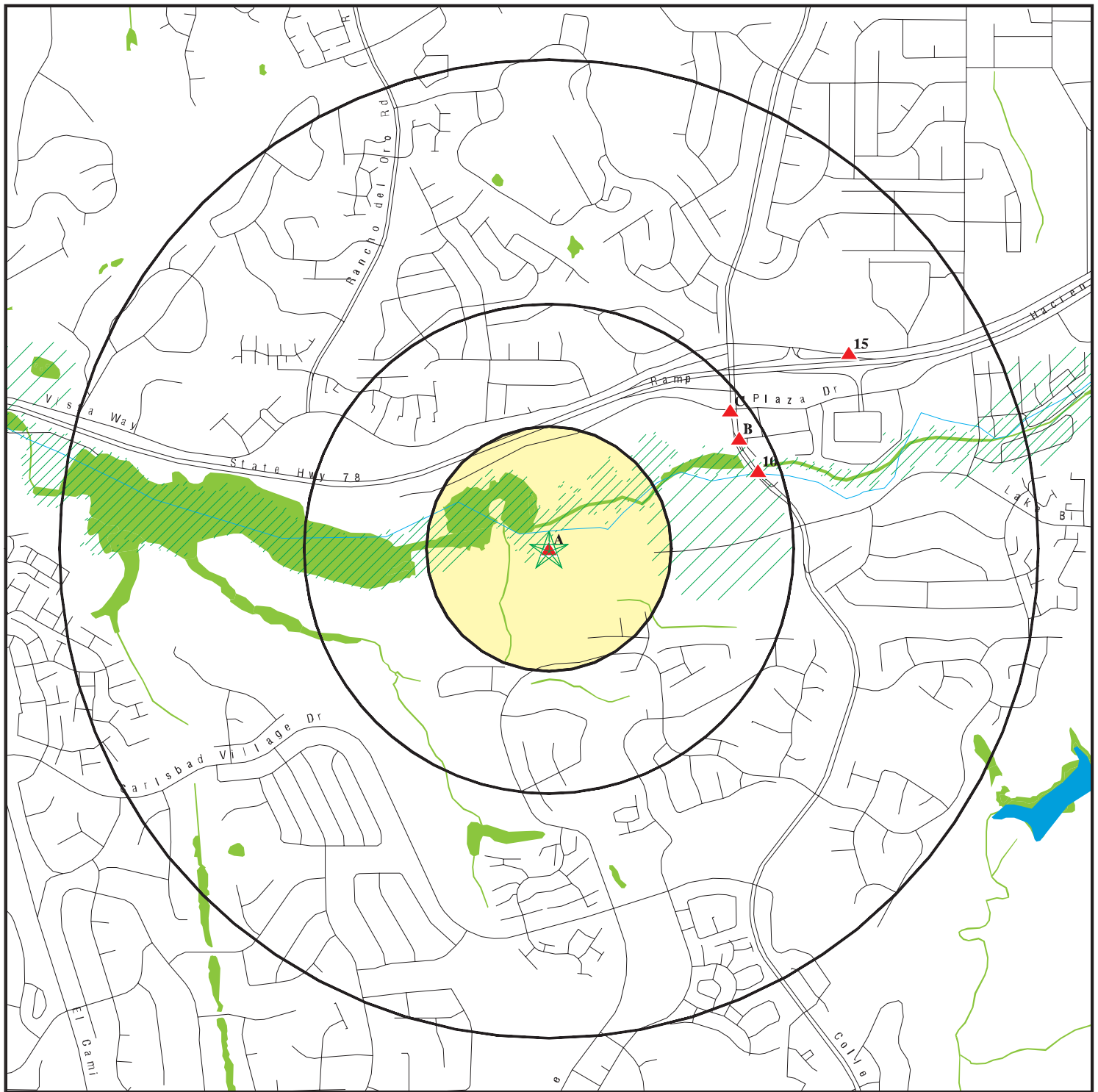
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL/SOUTHERN CA RETAIL DSTRC	3502 COLLEGE BL	ENE 1/4 - 1/2 (0.450 mi.)	B9	32
REFLECT SHINE CAR WASH	3528 COLLEGE BL	ENE 1/4 - 1/2 (0.456 mi.)	10	33
COLLEGE BLVD EXXON	3401 COLLEGE BL	NE 1/4 - 1/2 (0.466 mi.)	C11	35

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 17 records.

<u>Site Name</u>	<u>Database(s)</u>
CARLSBAD BURNSITE	SWF/LF
FLOWER FIELDS COMPOST SITE	SWF/LF
NORTH SANTA FE & ORANGE SITE	VCP, ENVIROSTOR
BOOTHCRAFTERS INC	San Diego Co. HMMD
ANTIMITE TERMITE & PEST	WIP, San Diego Co. HMMD
PENDLETON EYE CENTER	San Diego Co. HMMD
NORTH COUNTY ONCOLOGY	San Diego Co. HMMD
DERM MEDICAL GROUP/NRTH CTY	San Diego Co. HMMD
NORTH COAST UROLOGY	San Diego Co. HMMD
DERMATOLOGY SPECIALISTS INC	San Diego Co. HMMD
IAN PURCELL MD PHD	San Diego Co. HMMD
HARRY SINGH & SONS	San Diego Co. HMMD
VISTA HILL NURSERY	San Diego Co. HMMD
SAN DIEGO COUNTY CREDIT UNION	San Diego Co. HMMD
GOLDEN STATE MOTORS COACH RNTL	San Diego Co. HMMD
G. M SALLY MELLGREN, MD, INC.	San Diego Co. HMMD
RANCHO COSTERA	SLIC

OVERVIEW MAP - 3315395.1s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

⚙ Manufactured Gas Plants

🏠 National Priority List Sites

🏠 Dept. Defense Sites

🏠 Indian Reservations BIA

🏠 Oil & Gas pipelines from USGS

🏠 100-year flood zone

🏠 500-year flood zone

🏠 National Wetland Inventory

🏠 Areas of Concern

0 1/4 1/2 1 Miles



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Quarry Creek
ADDRESS: 3701 Haymar Drive
Carlsbad CA 92010
LAT/LONG: 33.1779 / 117.3029

CLIENT: Advantage Env. Consultants LLC
CONTACT: Greg Stull
INQUIRY #: 3315395.1s
DATE: May 03, 2012 12:20 pm

DETAIL MAP - 3315395.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- 🚒 National Priority List Sites
- 🚒 Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

- Areas of Concern

0 1/16 1/8 1/4 Miles



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Quarry Creek
ADDRESS: 3701 Haymar Drive
Carlsbad CA 92010
LAT/LONG: 33.1779 / 117.3029

CLIENT: Advantage Env. Consultants LLC
CONTACT: Greg Stull
INQUIRY #: 3315395.1s
DATE: May 03, 2012 12:22 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	TP		NR	NR	NR	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500	1	0	0	0	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.125		0	NR	NR	NR	NR	0
RCRA-SQG	0.125	1	0	NR	NR	NR	NR	1
RCRA-CESQG	0.125		0	NR	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.125		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000	1	0	0	0	1	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500	2	0	0	6	NR	NR	8
SLIC	0.500	1	0	0	2	NR	NR	3

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SAN DIEGO CO. SAM	0.500	1	0	0	3	NR	NR	4
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.125		0	NR	NR	NR	NR	0
AST	0.125		0	NR	NR	NR	NR	0
INDIAN UST	0.125		0	NR	NR	NR	NR	0
FEMA UST	TP		NR	NR	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	TP		NR	NR	NR	NR	NR	0
ODI	TP		NR	NR	NR	NR	NR	0
WMUDS/SWAT	TP		NR	NR	NR	NR	NR	0
SWRCY	TP		NR	NR	NR	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	TP		NR	NR	NR	NR	NR	0
SCH	TP		NR	NR	NR	NR	NR	0
Toxic Pits	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
San Diego Co. HMMD	0.125	1	0	NR	NR	NR	NR	1
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.125		0	NR	NR	NR	NR	0
HIST UST	0.125	1	0	NR	NR	NR	NR	1
SWEEPS UST	0.125	1	0	NR	NR	NR	NR	1
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.125		0	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	TP		NR	NR	NR	NR	NR	0
FUDS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	TP		NR	NR	NR	NR	NR	0
UMTRA	TP		NR	NR	NR	NR	NR	0
MINES	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	TP		NR	NR	NR	NR	NR	0
NPDES	TP	1	NR	NR	NR	NR	NR	1
WDS	TP		NR	NR	NR	NR	NR	0
Cortese	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	TP	1	NR	NR	NR	NR	NR	1
Notify 65	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	TP		NR	NR	NR	NR	NR	0
WIP	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	1	NR	NR	NR	NR	NR	1
EMI	TP	2	NR	NR	NR	NR	NR	2
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PROC	TP		NR	NR	NR	NR	NR	0
HWP	TP		NR	NR	NR	NR	NR	0
HWT	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
MWMP	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1 **SOUTH COAST ASPHALT PRODS. CO**
Target **3701 HAYMAR RD**
Property **CARLSBAD, CA 92008**

EMI **S106839432**
N/A

Site 1 of 7 in cluster A

Actual:
88 ft.

EMI:

Year: 1990
County Code: 37
Air Basin: SD
Facility ID: 65
Air District Name: SD
SIC Code: 2951
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 4
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 138
Part. Matter 10 Micrometers & Smllr Tons/Yr: 69

Year: 1995
County Code: 37
Air Basin: SD
Facility ID: 65
Air District Name: SD
SIC Code: 2951
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 3
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 89
Part. Matter 10 Micrometers & Smllr Tons/Yr: 53

Year: 1996
County Code: 37
Air Basin: SD
Facility ID: 65
Air District Name: SD
SIC Code: 2951
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST ASPHALT PRODS. CO (Continued)

S106839432

County Code: 37
Air Basin: SD
Facility ID: 65
Air District Name: SD
SIC Code: 2951
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

A2 **SOUTH COAST MATERIALS CO**
Target **3701 HAYMAR DR**
Property **CARLSBAD, CA 92008**

RCRA-SQG **1000405619**
FINDS **CAD981369481**
LUST
SWEEPS UST
San Diego Co. HMMD
SAN DIEGO CO. SAM

Site 2 of 7 in cluster A

Actual:
88 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: SOUTH COAST MATERIALS CO
Facility address: 3701 HAYMAR DR
CARLSBAD, CA 92008
EPA ID: CAD981369481
Mailing address: PO BOX 1008
CARLSBAD, CA 92008
Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: BEAZER WEST INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS CO (Continued)

1000405619

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/31/1990
Facility name: SOUTH COAST MATERIALS CO
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/03/1994
Date achieved compliance: 03/03/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/01/1991
Date achieved compliance: 03/03/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS CO (Continued)

1000405619

Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 03/03/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/03/1999
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/01/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/03/1994
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110001199756

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

LUST REG 9:

Region: 9
Status: Preliminary site assessment underway
Case Number: 9UT3452
Local Case: H02509-001
Substance: Waste Oil
Qty Leaked: Not reported
Abate Method: Not reported
Local Agency: San Diego
How Found: Tank Closure
How Stopped: Close Tank
Source: Tank
Cause: Not reported
Lead Agency: Local Agency
Case Type: Soil only
Date Found: 04/07/1997
Date Stopped: 04/07/1997
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 04/21/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS CO (Continued)

1000405619

Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 04/07/1997
Enforce Date: Not reported
Closed Date: Not reported
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 904.21
GW Depth: >5'
Beneficial Use: MUNISW
NPDES Number: Not reported
Priority: Not reported
File Disp: Administratively opened on database, however no file physically exists
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SWEEPS UST:

Status: A
Comp Number: 2509
Number: 9
Board Of Equalization: 44-021699
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-002509-000001
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: OTHER
Number Of Tanks: 8

Status: A
Comp Number: 2509
Number: 9
Board Of Equalization: 44-021699
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-002509-000002
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: OTHER
Number Of Tanks: Not reported

Status: A
Comp Number: 2509
Number: 9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS CO (Continued)

1000405619

Board Of Equalization: 44-021699
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-002509-000003
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: OTHER
Number Of Tanks: Not reported

Status: A
Comp Number: 2509
Number: 9
Board Of Equalization: 44-021699
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-002509-000004
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: OTHER
Number Of Tanks: Not reported

Status: A
Comp Number: 2509
Number: 9
Board Of Equalization: 44-021699
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-002509-000005
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 2509
Number: 9
Board Of Equalization: 44-021699
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS CO (Continued)

1000405619

Swrcb Tank Id: 37-000-002509-000006
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 2509
Number: 9
Board Of Equalization: 44-021699
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-002509-000007
Actv Date: Not reported
Capacity: 500
Tank Use: PETROLEUM
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 2509
Number: 9
Board Of Equalization: 44-021699
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-002509-000008
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: OTHER
Number Of Tanks: Not reported

San Diego Co. HMMD:

Facility ID: 125269
Inactive Indicator: Active
Business Code: 6HK70
SIC: Not reported
Permit Expiration: Not reported
Owner: ART MACARDLE
2nd Name: Not reported
Mailing Address: PO BOX 1120
Mailing City,St,Zip: VISTA, CA 92085
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: Not reported
Census Tract Number: 198.0
EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS CO (Continued)

1000405619

Gas Station: Not reported
Inspection Date: 01/30/96
Reinspection Date: Not reported
Inspector Name: LEGACY
Violation Notice Issued: Not reported
Facility Contact: ME SKIP MARKS
Delinquent Flag: Not Delinquent
Last Update: 08/30/10
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: Not reported
Property Address: Not reported
Property City,St,Zip: Not reported
Tank Owner: Not reported
Tank Address: Not reported
Tank City,St,Zip: Not reported
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: Not reported
Facility Phone: 619-433-8958

HMMD DISCLOSURE INVENTORY:

Item Number: Not reported
Chemical Name: Not reported
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: Not reported
2nd Hazard Category: Not reported

HMMD UNDERGROUND TANKS:

Tank Number: Not reported
Tank ID Number: Not reported
Waste or Product: Not reported
Tank Contents: Not reported

HMMD VIOLATIONS:

Inspection Date: Not reported
Waste Code: Not reported
Occurrences: Not reported
Item Number: Not reported

HMMD WASTE STREAMS:

Inspection Date: Not reported
Waste Item #: Not reported
Waste Code: Not reported
Waste Name: Not reported
Qty at Inspection: Not reported
Quantity String: Not reported
Annual Qty: Not reported
Annual Qty String: Not reported
Measurement Unit: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS CO (Continued)

1000405619

Treatment Method: Not reported
Storage Method: Not reported
Haz Waste Hauler: Not reported
Waste Desc: Not reported
Carcinogen: No

Facility ID: 102509
Inactive Indicator: Active
Business Code: 6HK70
SIC: Not reported
Permit Expiration: Not reported
Owner: HANSON AGGREGATES PAC SW INC
2nd Name: ATTN: TOM FERRELL
Mailing Address: PO BOX 639069
Mailing City,St,Zip: SAN DIEGO, CA 92163
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: Carlsbad
Census Tract Number: 198.0
EPA ID: CAD981369481
Gas Station: Not reported
Inspection Date: 08/21/01
Reinspection Date: Not reported
Inspector Name: LEGACY
Violation Notice Issued: Not reported
Facility Contact: TOM FERRELL
Delinquent Flag: Not Delinquent
Last Update: 08/30/10
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: CARON SHELLEY H TRUST 07-13-06
Property Address: P O BOX 1502
Property City,St,Zip: CARLSBAD, CA 92018
Tank Owner: SOUTH COAST ASPHALT PRODUCTS
Tank Address: 3701 HAYMAR
Tank City,St,Zip: Carlsbad, CA 92008
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: Not reported
Facility Phone: 619-729-2090

HMMD DISCLOSURE INVENTORY:

Item Number: Not reported
Chemical Name: Not reported
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: Not reported
2nd Hazard Category: Not reported

HMMD UNDERGROUND TANKS:

Tank Number: T001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS CO (Continued)

1000405619

Tank ID Number: 001
Waste or Product: 10000
Tank Contents: Not reported

Tank Number: T002
Tank ID Number: 002
Waste or Product: 12000
Tank Contents: Not reported

Tank Number: T003
Tank ID Number: 003
Waste or Product: 12000
Tank Contents: Not reported

Tank Number: T004
Tank ID Number: 004
Waste or Product: 10000
Tank Contents: Not reported

Tank Number: T005
Tank ID Number: 005
Waste or Product: 10000
Tank Contents: Not reported

Tank Number: T006
Tank ID Number: 006
Waste or Product: 10000
Tank Contents: Not reported

Tank Number: T007
Tank ID Number: 007
Waste or Product: 500
Tank Contents: Not reported

Tank Number: T008
Tank ID Number: 008
Waste or Product: 10000
Tank Contents: Not reported

Tank Number: T009
Tank ID Number: AT 0625
Waste or Product: 6000
Tank Contents: Not reported

Tank Number: T010
Tank ID Number: AT 0625
Waste or Product: 6000
Tank Contents: Not reported

Tank Number: T011
Tank ID Number: AT 0625
Waste or Product: 15000
Tank Contents: Not reported

Tank Number: T012
Tank ID Number: AT 0625
Waste or Product: 12000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS CO (Continued)

1000405619

Tank Contents: Not reported

Tank Number: T013

Tank ID Number: AT 0625

Waste or Product: 1000

Tank Contents: Not reported

Tank Number: T014

Tank ID Number: AT4104

Waste or Product: 12000

Tank Contents: Not reported

HMMD VIOLATIONS:

Inspection Date: 03/25/97

Waste Code: Not reported

Occurrences: Not reported

Item Number: 2579

Inspection Date: 03/25/97

Waste Code: Not reported

Occurrences: Not reported

Item Number: 2580

Inspection Date: 03/25/97

Waste Code: Not reported

Occurrences: Not reported

Item Number: 2581

Inspection Date: 03/12/98

Waste Code: Not reported

Occurrences: Not reported

Item Number: 7864

Inspection Date: 03/12/98

Waste Code: Not reported

Occurrences: Not reported

Item Number: 7865

Inspection Date: 03/12/98

Waste Code: Not reported

Occurrences: Not reported

Item Number: 7866

HMMD WASTE STREAMS:

Inspection Date: Not reported

Waste Item #: Not reported

Waste Code: Not reported

Waste Name: Not reported

Qty at Inspection: Not reported

Quantity String: Not reported

Annual Qty: Not reported

Annual Qty String: Not reported

Measurement Unit: Not reported

Treatment Method: Not reported

Storage Method: Not reported

Haz Waste Hauler: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS CO (Continued)

1000405619

Waste Desc: Not reported
Carcinogen: No

SAN DIEGO CO. SAM:

Case Number: H02509-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - State Fund
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Remedial Action (Clean-Up)
Date: 6/1/2005
Date Began: 4/7/1997

Case Number: H02509-002
Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Remedial Investigation
Date: 11/30/2000
Date Began: 11/30/2000

**A3
Target
Property**

**HANSON AGGREGATES
3701 HAYMAR DR
CARLSBAD, CA 92008**

**HAZNET S103655794
N/A**

Site 3 of 7 in cluster A

**Actual:
88 ft.**

HAZNET:
Year: 2000
Gepaid: CAC001327160
Contact: HANSON AGGREGATES
Telephone: 7607292090
Mailing Name: Not reported
Mailing Address: 3701 HAYMAR DR
Mailing City,St,Zip: CARLSBAD, CA 920080000
Gen County: San Diego
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: R01
Tons: .8340
Facility County: San Diego

Year: 1998
Gepaid: CAD981369481
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 1008
Mailing City,St,Zip: CARLSBAD, CA 920080000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: R01
Tons: 7.0890
Facility County: Los Angeles

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANSON AGGREGATES (Continued)

S103655794

Year: 1997
Gepaid: CAD981369481
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 1008
Mailing City,St,Zip: CARLSBAD, CA 920080000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: R01
Tons: .8340
Facility County: Los Angeles

A4 **HANSON AGGREGATES - CARLSBAD**
Target **3701 HAYMAR RD**
Property **CARLSBAD, CA 92008**

EMI **S105938009**
N/A

Site 4 of 7 in cluster A

Actual:
88 ft.

EMI:
Year: 2001
County Code: 37
Air Basin: SD
Facility ID: 65
Air District Name: SD
SIC Code: 1429
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 13
Part. Matter 10 Micrometers & Smlr Tons/Yr: 3

Year: 2002
County Code: 37
Air Basin: SD
Facility ID: 65
Air District Name: SD
SIC Code: 1429
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 13
Part. Matter 10 Micrometers & Smlr Tons/Yr: 3

Year: 2003
County Code: 37

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANSON AGGREGATES - CARLSBAD (Continued)

S105938009

Air Basin: SD
Facility ID: 65
Air District Name: SD
SIC Code: 1429
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 13
Part. Matter 10 Micrometers & Smllr Tons/Yr: 3

Year: 2004
County Code: 37
Air Basin: SD
Facility ID: 65
Air District Name: SD
SIC Code: 1429
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.082485
Reactive Organic Gases Tons/Yr: 0.0450918
Carbon Monoxide Emissions Tons/Yr: 0.61831
NOX - Oxides of Nitrogen Tons/Yr: 0.196224
SOX - Oxides of Sulphur Tons/Yr: 0.0077672
Particulate Matter Tons/Yr: 13.49651429
Part. Matter 10 Micrometers & Smllr Tons/Yr: 3.375002371

Year: 2005
County Code: 37
Air Basin: SD
Facility ID: 65
Air District Name: SD
SIC Code: 1429
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .08
Reactive Organic Gases Tons/Yr: .04
Carbon Monoxide Emissions Tons/Yr: .61
NOX - Oxides of Nitrogen Tons/Yr: .19
SOX - Oxides of Sulphur Tons/Yr: .007763
Particulate Matter Tons/Yr: 4.694811057878131432
Part. Matter 10 Micrometers & Smllr Tons/Yr: 3.34

Year: 2006
County Code: 37
Air Basin: SD
Facility ID: 65
Air District Name: SD
SIC Code: 1429
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANSON AGGREGATES - CARLSBAD (Continued)

S105938009

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1.489018
Part. Matter 10 Micrometers & Smllr Tons/Yr: .38829656

Year: 2007
County Code: 37
Air Basin: SD
Facility ID: 65
Air District Name: SD
SIC Code: 1429
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1.48902
Part. Matter 10 Micrometers & Smllr Tons/Yr: .3883

Year: 2007
County Code: 37
Air Basin: SD
Facility ID: 65
Air District Name: SD
SIC Code: 1429
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1.48902
Part. Matter 10 Micrometers & Smllr Tons/Yr: .3883

A5
Target
Property

CARLSBAD PLANTS 1 AND 2
3701 HAYMAR DRIVE
CARLSBAD, CA 92008

HIST UST **U001570974**
N/A

Site 5 of 7 in cluster A

Actual:
88 ft.

HIST UST:
Region: STATE
Facility ID: 00000019656
Facility Type: Other
Other Type: ASPHALT PRODUCTION
Total Tanks: 0001
Contact Name: CHUCK ROUDEBUSH
Telephone: 6197572010
Owner Name: SILBERBERGER ENGINEERS, INC.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARLSBAD PLANTS 1 AND 2 (Continued)

U001570974

Owner Address: 215 SOUTH HWY 101, SUITE 112
Owner City,St,Zip: SOLONA BEACH, CA 92075

Tank Num: 001
Container Num: S-1
Year Installed: 1973
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor

**A6
Target
Property**

**SOUTH COAST MATERIALS
3701 HAYMAR
CARLSBAD, CA 92008**

**NPDES
HIST CORTESE
LUST
SLIC
ENVIROSTOR**

**1001020730
N/A**

Site 6 of 7 in cluster A

**Actual:
88 ft.**

NPDES:

Npdes Number: CAS000002
Facility Status: Active
Agency Id: 0
Region: 9
Regulatory Measure Id: 416045
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 9 37C361247
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 06/17/2011
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Hanson Aggregates Pacific Southwest Inc
Discharge Address: 9229 Harris Plant Road
Discharge City: San Diego
Discharge State: California
Discharge Zip: 92163

Npdes Number: CAS000001
Facility Status: Active
Agency Id: 0
Region: 9
Regulatory Measure Id: 218653
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 9 37I014667
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 10/15/1998
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Hanson Aggregates Pacific Southwest
Discharge Address: PO BOX 639069
Discharge City: SAN DIEGO
Discharge State: California
Discharge Zip: 92163

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS (Continued)

1001020730

CORTESE:

Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT3452

LUST:

Region: STATE
Global Id: T0607302215
Latitude: 33.180536764
Longitude: -117.301930556
Case Type: LUST Cleanup Site
Status: Open - Remediation
Status Date: 06/01/2005
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: LA
Local Agency: SAN DIEGO COUNTY LOP
RB Case Number: 9UT3452
LOC Case Number: H02509-001
File Location: Local Agency
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: The Hanson America (formerly Hanson Aggregates Pacific Southwest, Inc.) property consists of approximately 155 acres along the Buena Vista Creek drainage in Carlsbad, California. The subject property is bounded on the north by State Highway 78 and Haymar Drive, on the east by College Boulevard, on the south by residential developments, and by undeveloped land to the west. Approximately 103 acres of the property is undeveloped. Although aggregate was formerly quarried on the property, current operations at the facility are limited to the production of concrete from existing and imported aggregate reserves. Past quarry operations and current production activities have been confined to approximately 52 acres of the property. The surface mine (quarry) has been decommissioned, as well as former office and storage buildings, two asphalt plants, a concrete batch plant, a recycled-material area for asphalt/concrete, a rock crushing plant, a maintenance shop, bulk materials storage areas, fueling facilities, several storage trailers and fenced areas, two empty explosives magazines/ containers, a scale-room building, a sales office, four above-ground storage tanks (ASTs) and numerous underground storage tanks (USTs). One AST remains in operation at the facility. Four diesel USTs were removed at the facility on December 17, 1986. Two of the USTs had 4,000-gallon capacities, one had a 15,000-gallon-capacity, and one had a 20,000-gallon capacity. On February 26, 1987, one 1000-gallon gasoline tank was abandoned in place by slurry-filling. No unauthorized releases were observed at the time these tanks were decommissioned. However, on April 17, 1997, a 550-gallon capacity waste oil tank was removed. Analytical results for a soil sample collected during the removal inspection had a total petroleum hydrocarbon (TPH) concentration of 1,400 milligrams per kilogram (mg/kg) and an unauthorized release case was opened. A limited site assessment was performed in 1998, as documented in a report dated August 3, 1998. However, the site assessment did not address the waste oil release; it was performed in the area of the UST fuel system at the facility. Gasoline and diesel impacts related to the eight operating USTs in the area were reported. The maximum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS (Continued)

1001020730

TPH concentrations reported for impacted soil samples were 3,500 mg/kg as gasoline and 30,000 mg/kg as diesel. The eight USTs were removed in August 1998. The tanks included two 10,000-gallon capacity gasoline USTs, three 10,000-gallon capacity diesel USTs, and three 12,000-gallon capacity diesel USTs. The distribution lines and dispensers associated with the UST system were also removed in March 2000. An estimated 900 cubic yards of impacted soil were removed and disposed of off-site. Confirmation samples were then collected from the walls of the UST excavation to determine the effectiveness of over-excavation and soil removal. Based on the confirmation sample results, soil impacted with diesel-range hydrocarbons still remained beyond the excavated area. Subsequent assessment data indicated that an estimated 400 cubic yards of fuel-impacted soil in the vicinity of the six former diesel tanks remained in place. An estimated 1,500 cubic yards of residual TPH-impacted soil remained in the vicinity of the former gasoline USTs. Seventy-four borings were drilled and sampled at the site from August 1998 to November 1999. Temporary groundwater monitoring wells were installed in 26 of the borings. Three of the borings were converted into permanent monitoring wells (KMW-1 through KMW-3). In March 2001, an additional 13 permanent groundwater monitoring wells (MW -1 through MW -13) were installed at the site. Additional investigation in January 2003 included the drilling of 11 borings north of Buena Vista Creek. Data obtained from the borings were used to select the locations for four additional wells near the creek. These wells (MW-14 through MW-17) were installed i

[Click here to access the California GeoTracker records for this facility:](#)

LUST:

Global Id: T0607302215
Contact Type: Local Agency Caseworker
Contact Name: CAROL FENNER
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: carol.fenner@sdcounty.ca.gov
Phone Number: Not reported

Global Id: T0607302215
Contact Type: Regional Board Caseworker
Contact Name: UNASSIGNED
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 9174 SKY PARK COURT, SUITE 100
City: SAN DIEGO
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0607302215
Action Type: ENFORCEMENT
Date: 02/08/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302215
Action Type: Other
Date: 01/01/1950

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS (Continued)

1001020730

Action:	Leak Began
Global Id:	T0607302215
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Remove free product
Global Id:	T0607302215
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Chemical Oxidation, In Situ
Global Id:	T0607302215
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Enhanced Biodegradation
Global Id:	T0607302215
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavate and Dispose
Global Id:	T0607302215
Action Type:	ENFORCEMENT
Date:	04/29/1997
Action:	Notice of Responsibility
Global Id:	T0607302215
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0607302215
Action Type:	RESPONSE
Date:	12/31/2010
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0607302215
Action Type:	RESPONSE
Date:	08/18/2009
Action:	Remedial Progress Report
Global Id:	T0607302215
Action Type:	ENFORCEMENT
Date:	07/09/2009
Action:	Letter - Notice
Global Id:	T0607302215
Action Type:	ENFORCEMENT
Date:	06/05/2009
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0607302215
Action Type:	RESPONSE
Date:	06/01/2011
Action:	Verbal Communication

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS (Continued)

1001020730

Global Id: T0607302215
Action Type: ENFORCEMENT
Date: 06/07/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302215
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0607302215
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SLIC:

Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 02/24/2011
Global Id: T10000002854
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H02509-003
Latitude: 33.178369
Longitude: -117.302599
Case Type: Cleanup Program Site
Case Worker: CF
Local Agency: SAN DIEGO COUNTY LOP
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: This is a new VAP Case. This field will be updated as data is received.

[Click here to access the California GeoTracker records for this facility:](#)

Region: STATE
Facility Status: **Open - Remediation**
Status Date: 11/30/2000
Global Id: T0608165282
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H02509-002
Latitude: 33.178368
Longitude: -117.302599
Case Type: Cleanup Program Site
Case Worker: CF
Local Agency: SAN DIEGO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: The Hanson America (formerly Hanson Aggregates Pacific Southwest, Inc.) property consists of approximately 155 acres along the Buena Vista Creek drainage in Carlsbad, California. The subject property is bounded on the north by State Highway 78 and Haymar Drive, on the east by College Boulevard, on the south by residential developments,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS (Continued)

1001020730

and by undeveloped land to the west. Approximately 103 acres of the property is undeveloped. Although aggregate was formerly quarried on the property, current operations at the facility are limited to the production of concrete from existing and imported aggregate reserves. Past quarry operations and current production activities have been confined to approximately 52 acres of the property. The surface mine (quarry) has been decommissioned, as well as former office and storage buildings, two asphalt plants, a concrete batch plant, a recycled-material area for asphalt/concrete, a rock crushing plant, a maintenance shop, bulk materials storage areas, fueling facilities, several storage trailers and fenced areas, two empty explosives magazines/ containers, a scale-room building, a sales office, four above-ground storage tanks (ASTs) and numerous underground storage tanks (USTs). One AST remains in operation at the facility. Four diesel USTs were removed at the facility on December 17, 1986. Two of the USTs had 4,000-gallon capacities, one had a 15,000-gallon-capacity, and one had a 20,000-gallon capacity. On February 26, 1987, one 1000-gallon gasoline tank was abandoned in place by slurry-filling. No unauthorized releases were observed at the time these tanks were decommissioned. However, on April 17, 1997, a 550-gallon capacity waste oil tank was removed. Analytical results for a soil sample collected during the removal inspection had a total petroleum hydrocarbon (TPH) concentration of 1,400 milligrams per kilogram (mg/kg) and an unauthorized release case was opened. A limited site assessment was performed in 1998, as documented in a report dated August 3, 1998. However, the site assessment did not address the waste oil release; it was performed in the area of the UST fuel system at the facility. Gasoline and diesel impacts related to the eight operating USTs in the area were reported. The maximum TPH concentrations reported for impacted soil samples were 3,500 mg/kg as gasoline and 30,000 mg/kg as diesel. The eight USTs were removed in August 1998. The tanks included two 10,000-gallon capacity gasoline USTs, three 10,000-gallon capacity diesel USTs, and three 12,000-gallon capacity diesel USTs. The distribution lines and dispensers associated with the UST system were also removed in March 2000. An estimated 900 cubic yards of impacted soil were removed and disposed of off-site. Confirmation samples were then collected from the walls of the UST excavation to determine the effectiveness of over-excavation and soil removal. Based on the confirmation sample results, soil impacted with diesel-range hydrocarbons still remained beyond the excavated area. Subsequent assessment data indicated that an estimated 400 cubic yards of fuel-impacted soil in the vicinity of the six former diesel tanks remained in place. An estimated 1,500 cubic yards of residual TPH-impacted soil remained in the vicinity of the former gasoline USTs. Seventy-four borings were drilled and sampled at the site from August 1998 to November 1999. Temporary groundwater monitoring wells were installed in 26 of the borings. Three of the borings were converted into permanent monitoring wells (KMW-1 through KMW-3). In March 2001, an additional 13 permanent groundwater monitoring wells (MW -1 through MW -13) were installed at the site. Additional investigation in January 2003 included the drilling of 11 borings north of Buena Vista Creek. Data obtained from the borings were used to select the locations for four additional wells near the creek. These wells (MW-14 through MW-17) were installed i

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS (Continued)

1001020730

[Click here to access the California GeoTracker records for this facility:](#)

ENVIROSTOR:

Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Facility ID:	37500038
Site Code:	Not reported
Assembly:	74
Senate:	38
Special Program:	Not reported
Status:	Refer: 1248 Local Agency
Status Date:	12/26/2000
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	33.17836
Longitude:	-117.3025
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	37500038
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	SB 1248 Notification
Completed Date:	12/26/2000
Comments:	SB 1248 San Diego County

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST MATERIALS (Continued)

1001020730

Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Facility ID: 37290005
Site Code: Not reported
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Status: Refer: Other Agency
Status Date: 06/01/1995
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 33.17836
Longitude: -117.3025
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: 10064, 10197, 20017
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD009548371
Alias Type: EPA Identification Number
Alias Name: 37290005
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/15/1983
Comments: FACILITY IDENTIFIED ID VIA DOHS RECORDS SEARCH

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/04/1987
Comments: SITE SCREENING DONE SITE ON EPA CERCLIS

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

**A7
Target
Property**

**SOUTH COAST ASPHALT PRODUCTS
3701 HAYMAR DR 3.1 MI E OF I-5
CARLSBAD, CA 92008**

CERC-NFRAP

**1003878299
CAD009548371**

Site 7 of 7 in cluster A

**Actual:
88 ft.**

CERC-NFRAP:
Site ID: 0901225
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH COAST ASPHALT PRODUCTS (Continued)

1003878299

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13050674.00000
Person ID: 9271184.00000

Contact Sequence ID: 13288623.00000
Person ID: 13003854.00000

Contact Sequence ID: 13294218.00000
Person ID: 13003858.00000

Contact Sequence ID: 13300076.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: STREUTER INDUSTRY
Alias Address: Not reported
CA

Alias Name: STREUTER QUARRY
Alias Address: Not reported
CA

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 12/01/1979
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 09/01/1982
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/01/1982
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

B8
ENE
1/4-1/2
0.450 mi.
2375 ft.

SHELL SERVICE STATION #
3502 COLLEGE
OCEANSIDE, CA 92056

Site 1 of 2 in cluster B

LUST **S104745864**
SLIC **N/A**

Relative:
Higher

LUST:

Actual:
169 ft.

Region: STATE
Global Id: T0607300225
Latitude: 33.181327
Longitude: -117.295905
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 04/16/2001
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: ML
Local Agency: Not reported
RB Case Number: 9UT1385

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION # (Continued)

S104745864

LOC Case Number: H04104-001
File Location: Local Agency
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST:

Global Id: T0607300225
Contact Type: Regional Board Caseworker
Contact Name: UNASSIGNED
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 9174 SKY PARK COURT, SUITE 100
City: SAN DIEGO
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0607300225
Action Type: Other
Date: 01/01/1950
Action: Leak Began

Global Id: T0607300225
Action Type: ENFORCEMENT
Date: 04/03/1989
Action: Notice of Responsibility

Global Id: T0607300225
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0607300225
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0607300225
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 10/09/1992
Global Id: T0608164335
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H04104-002
Latitude: 33.18134
Longitude: -117.295908
Case Type: Cleanup Program Site
Case Worker: JB
Local Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION # (Continued)

S104745864

RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

B9
ENE
1/4-1/2
0.450 mi.
2375 ft.

SHELL/SOUTHERN CA RETAIL DSTRC
3502 COLLEGE BL
OCEANSIDE, CA 92056

LUST
SAN DIEGO CO. SAM

S101301823
N/A

Site 2 of 2 in cluster B

Relative:
Higher

LUST REG 9:
Region: 9
Status: Preliminary site assessment underway
Case Number: 9UT1385
Local Case: H04104-001
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Local Agency: San Diego
How Found: Other Means
How Stopped: Close Tank
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Aquifer affected
Date Found: 03/31/1989
Date Stopped: 03/31/1989
Confirm Date: 03/31/1989
Submit Workplan: Not reported
Prelim Assess: 06/05/1989
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 06/05/1989
Enforce Date: Not reported
Closed Date: Not reported
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 904.21
GW Depth: 7'
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: 2A
File Disp: Not reported
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Actual:
169 ft.

SAN DIEGO CO. SAM:

Case Number: H04104-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL/SOUTHERN CA RETAIL DSTRC (Continued)

S101301823

Facility Type: Drinking Water Aquifer Impacted
Facility Status: Closed Case
Date: 4/16/2001
Date Began: 3/31/1989

Case Number: H04104-002
Agency: DEH Site Assessment & Mitigation
Funding: Non Billable
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 10/9/1992
Date Began: 4/22/1992

10
ENE
1/4-1/2
0.456 mi.
2409 ft.

REFLECT SHINE CAR WASH
3528 COLLEGE BL
OCEANSIDE, CA 92056

LUST S108407204
SAN DIEGO CO. SAM N/A

Relative:
Higher

LUST:

Actual:
140 ft.

Region: STATE
Global Id: T06019774905
Latitude: 33.18012
Longitude: -117.294823
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/29/2007
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: DM
Local Agency: Not reported
RB Case Number: Not reported
LOC Case Number: 126589-001
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST:

Global Id: T06019774905
Action Type: Other
Date: 01/01/1950
Action: Leak Began

Global Id: T06019774905
Action Type: ENFORCEMENT
Date: 02/13/2006
Action: Notice of Responsibility

Global Id: T06019774905
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T06019774905
Action Type: Other
Date: 01/01/1950

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REFLECT SHINE CAR WASH (Continued)

S108407204

Action: Leak Reported

Region: STATE
Global Id: T0619761135
Latitude: 33.18012
Longitude: -117.294823
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/29/2007
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: DM
Local Agency: Not reported
RB Case Number: Not reported
LOC Case Number: 126589-002
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST:

Global Id: T0619761135
Action Type: ENFORCEMENT
Date: 06/08/2006
Action: Notice of Responsibility

Global Id: T0619761135
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0619761135
Action Type: Other
Date: 01/01/1950
Action: Leak Began

Global Id: T0619761135
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

SAN DIEGO CO. SAM:

Case Number: 126589-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
Facility Type: Soils Only
Facility Status: Closed Case
Date: 3/29/2007
Date Began: 1/29/2002

Case Number: 126589-002
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
Facility Type: Soils Only

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REFLECT SHINE CAR WASH (Continued)

S108407204

Facility Status: Closed Case
Date: 3/29/2007
Date Began: 3/28/2006

C11
NE
1/4-1/2
0.466 mi.
2462 ft.

COLLEGE BLVD EXXON
3401 COLLEGE BL
OCEANSIDE, CA 92056

SAN DIEGO CO. SAM

S104747356
N/A

Site 1 of 4 in cluster C

Relative:
Higher

SAN DIEGO CO. SAM:

Actual:
183 ft.

Case Number: H12485-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
Facility Type: Soils Only
Facility Status: Closed Case
Date: 12/21/1988
Date Began: 8/14/1986

Case Number: H12485-002
Agency: DEH Site Assessment & Mitigation
Funding: Non Billable
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 5/17/1991
Date Began: 1/31/1991

Case Number: H12485-003
Agency: DEH Site Assessment & Mitigation
Funding: Non Billable
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 10/3/1994
Date Began: 12/17/1992

Case Number: H12485-004
Agency: DEH Site Assessment & Mitigation
Funding: Non Billable
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 7/25/1994
Date Began: 5/26/1994

Case Number: H12485-005
Agency: DEH Site Assessment & Mitigation
Funding: Non Billable
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 7/25/1994
Date Began: 5/26/1994

Case Number: H12485-006
Agency: DEH Site Assessment & Mitigation
Funding: Non Billable
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 7/25/1994
Date Began: 5/26/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLLEGE BLVD EXXON (Continued)

S104747356

Case Number: H12485-007
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Closed Case
Date: 3/25/1996
Date Began: 10/12/1994

Case Number: H12485-008
Agency: DEH Site Assessment & Mitigation
Funding: LOP - State Fund
Facility Type: AX
Facility Status: Preliminary Assessment
Date: 6/16/2006
Date Began: 5/11/2006

C12
NE
1/4-1/2
0.466 mi.
2462 ft.

TEXACO/COLLEGE BLVD 3401
3401 COLLEGE BLVD
OCEANSIDE, CA 92056
Site 2 of 4 in cluster C

LUST S104164100
N/A

Relative:
Higher

LUST REG 9:

Actual:
183 ft.

Region: 9
Status: Case Closed
Case Number: 9UT3236
Local Case: H12485-007
Substance: Unleaded Gasoline
Qty Leaked: 0
Abate Method: EDGT
Local Agency: San Diego
How Found: Not reported
How Stopped: Not reported
Source: Not reported
Cause: Not reported
Lead Agency: Local Agency
Case Type: Other ground water affected
Date Found: 10/12/1994
Date Stopped: 11/29/1994
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 11/04/1994
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: 11/29/94
Began Monitor: Not reported
Release Date: 10/12/1994
Enforce Date: 11/14/94
Closed Date: 3/25/96
Enforce Type: SEL
Pilot Program: LOP
Basin Number: 904.21
GW Depth: 7.7
Beneficial Use: Not reported
NPDES Number: Not reported
Priority: 2A
File Dispn: Administratively opened on database, however no file physically exists
Interim Remedial Actions: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO/COLLEGE BLVD 3401 (Continued)

S104164100

Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

C13
NE
1/4-1/2
0.466 mi.
2462 ft.
APRO 44
3401 COLLEGE BLVD
OCEANSIDE, CA 92056
Site 3 of 4 in cluster C

LUST **S105034159**
N/A

Relative:
Higher

Actual:
183 ft.
C14
NE
1/4-1/2
0.466 mi.
2462 ft.
EXXON SERVICE STATION
3401 COLLEGE
OCEANSIDE, CA
Site 4 of 4 in cluster C

LUST **S104575941**
SLIC **N/A**

Relative:
Higher

LUST:

Region: STATE
Global Id: T06019720262
Latitude: 33.181594
Longitude: -117.296745
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 09/28/2006
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: CH
Local Agency: SAN DIEGO COUNTY LOP
RB Case Number: Not reported
LOC Case Number: H12485-008
File Location: Local Agency
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Benzene, Diesel, Fuel Oxygenates, Gasoline
Site History: On May 11, 2006 soil sampling was completed in conjunction with repair of the secondary piping and installation of new under dispenser containment on site. Petroleum impacted-soil was identified five feet beneath dispenser four, with total petroleum hydrocarbons (TPH) from gasoline and diesel detected at 1,700 and 540 milligrams per kilogram (mg/kg), respectively. Based upon these results, Unauthorized Release H12485-008 was opened. In February 2007, four soil borings were drilled and completed as groundwater monitoring wells to the north, west, and south of the dispenser island. A total of 11 soil samples were collected and analyzed, and two petroleum constituents were detected in the samples. TPH from diesel (TPHd) was detected in samples from all four borings at a maximum of 180 mg/kg, and tert-butyl alcohol (TBA) was detected in soil samples from three of the borings at a maximum of 0.026 mg/kg. TPH from gasoline (TPHg), TPHd, benzene, ethylbenzene, methyl-tert-butyl ether (MTBE), and TBA were detected in the groundwater samples. Groundwater monitoring continued on a quarterly basis through 2007, and on a semi-annual basis in 2008. Petroleum constituents were not detected in monitoring well MW-4A during any monitoring event. Benzene was only detected in monitoring well MW-3A and MTBE was detected in monitoring wells MW-1A, MW-2A, and MW-3A, and concentrations of these constituents did not exceed maximum contaminant levels (MCLs) during any sampling event. TBA was

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION (Continued)

S104575941

detected in groundwater samples from monitoring wells MW-1A and MW-3A at concentrations that exceeded the California Drinking Water Action Level (AL) during every sampling event. In July 2007 the responsible parties were directed to complete additional site assessment to determine the lateral and vertical extent of petroleum-impacted soil and the lateral extent of the groundwater plume. A workplan to install three additional groundwater monitoring wells and two soil borings was approved in November 2007. These activities were never completed, and groundwater monitoring was not performed after 2008. In response to enforcement action by DEH, groundwater monitoring was completed in April, 2011. Petroleum constituents were detected in groundwater samples from monitoring wells MW-1, MW-2, and MW-3. Specifically, TPHg was detected in MW-1A, TPHd was detected in MW-1A and MW-3A, and MTBE was detected in MW-2A at 2 micrograms per liter. The consultant recommended preparing a request for case closure based on the low to non-detect concentrations of the constituents of concern in the groundwater samples. DEH required that the consultant submit a Corrective Action Plan for the site based upon remediation by natural attenuation. Please see the Environmental Data tab for additional site specific information.

[Click here to access the California GeoTracker records for this facility:](#)

LUST:

Global Id: T06019720262
Contact Type: Local Agency Caseworker
Contact Name: COLLEEN HINES
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: SAN DIEGO
Email: colleen.hines@sdcounty.ca.gov
Phone Number: 8585056874

LUST:

Global Id: T06019720262
Action Type: ENFORCEMENT
Date: 05/26/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T06019720262
Action Type: ENFORCEMENT
Date: 02/28/2011
Action: Letter - Notice

Global Id: T06019720262
Action Type: Other
Date: 01/01/1950
Action: Leak Began

Global Id: T06019720262
Action Type: ENFORCEMENT
Date: 01/19/2010
Action: Letter - Notice

Global Id: T06019720262
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION (Continued)

S104575941

Date:	06/20/2006
Action:	Notice of Responsibility
Global Id:	T06019720262
Action Type:	ENFORCEMENT
Date:	08/03/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T06019720262
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T06019720262
Action Type:	ENFORCEMENT
Date:	10/13/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T06019720262
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped
Global Id:	T06019720262
Action Type:	RESPONSE
Date:	04/28/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T06019720262
Action Type:	ENFORCEMENT
Date:	10/13/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T06019720262
Action Type:	ENFORCEMENT
Date:	02/19/2010
Action:	Notice of Responsibility
Global Id:	T06019720262
Action Type:	ENFORCEMENT
Date:	07/09/2009
Action:	Letter - Notice
Global Id:	T06019720262
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T06019720262
Action Type:	ENFORCEMENT
Date:	05/23/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T06019720262
Action Type:	RESPONSE
Date:	09/14/2011
Action:	Corrective Action Plan / Remedial Action Plan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION (Continued)

S104575941

Global Id: T06019720262
Action Type: RESPONSE
Date: 03/25/2010
Action: Other Report / Document

Region: STATE
Global Id: T0607300508
Latitude: 33.1831241
Longitude: -117.2965272
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/21/1988
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: FA
Local Agency: Not reported
RB Case Number: 9UT171
LOC Case Number: H12485-001
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST:

Global Id: T0607300508
Contact Type: Regional Board Caseworker
Contact Name: UNASSIGNED
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 9174 SKY PARK COURT, SUITE 100
City: SAN DIEGO
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0607300508
Action Type: Other
Date: 01/01/1950
Action: Leak Began

Global Id: T0607300508
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0607300508
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0607300508
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION (Continued)

S104575941

Region: STATE
Global Id: T0607301989
Latitude: 33.181592
Longitude: -117.296745
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/25/1996
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: DF
Local Agency: Not reported
RB Case Number: 9UT3236
LOC Case Number: H12485-007
File Location: Local Agency
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST:

Global Id: T0607301989
Contact Type: Regional Board Caseworker
Contact Name: UNASSIGNED
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 9174 SKY PARK COURT, SUITE 100
City: SAN DIEGO
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0607301989
Action Type: Other
Date: 01/01/1950
Action: Leak Began

Global Id: T0607301989
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0607301989
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0607301989
Action Type: ENFORCEMENT
Date: 11/14/1994
Action: Notice of Responsibility

Global Id: T0607301989
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION (Continued)

S104575941

SLIC:

Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 07/25/1994
Global Id: T0608142935
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H12485-004
Latitude: 33.181594
Longitude: -117.296745
Case Type: Cleanup Program Site
Case Worker: MM
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 10/03/1994
Global Id: T0608108958
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H12485-003
Latitude: 33.181594
Longitude: -117.296745
Case Type: Cleanup Program Site
Case Worker: MM
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 05/17/1991
Global Id: T0608133767
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H12485-002
Latitude: 33.181594
Longitude: -117.296745
Case Type: Cleanup Program Site
Case Worker: MP
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION (Continued)

S104575941

[Click here to access the California GeoTracker records for this facility:](#)

Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 07/25/1994
Global Id: T0608192490
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H12485-005
Latitude: 33.181594
Longitude: -117.296745
Case Type: Cleanup Program Site
Case Worker: MM
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 07/25/1994
Global Id: T0608126493
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H12485-006
Latitude: 33.181594
Longitude: -117.296745
Case Type: Cleanup Program Site
Case Worker: MM
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

15
ENE
1/2-1
0.732 mi.
3867 ft.

TRI-CITY MEDICAL CTR
4002 VISTA WAY
OCEANSIDE, CA 92056

ENVIROSTOR **1000138565**
CAD981167786

Relative:
Higher

Actual:
232 ft.

ENVIROSTOR:
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Facility ID: 71002729

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRI-CITY MEDICAL CTR (Continued)

1000138565

Site Code: Not reported
Assembly: 73
Senate: 38
Special Program: Not reported
Status: Inactive - Needs Evaluation
Status Date: Not reported
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 33.18529
Longitude: -117.2907
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981167786
Alias Type: EPA Identification Number
Alias Name: 71002729
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 17 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CARLSBAD	S109349419	CARLSBAD BURNSITE	ELM AVE		SWF/LF
CARLSBAD	S105155625	FLOWER FIELDS COMPOST SITE	W OF HIDDEN VALLEY RD		SWF/LF
CARLSBAD	S110819447	RANCHO COSTERA	ZERO TAMARACK & EL CAMINO REA	92010	SLIC
OCEANSIDE	S106064243	BOOTHCRAFTERS INC	4087 CALLE PLATINO	92056	San Diego Co. HMMD
OCEANSIDE	S106063224	ANTIMITE TERMITE & PEST	1931 PLAZA REAL	92056	WIP, San Diego Co. HMMD
OCEANSIDE	S110498145	PENDLETON EYE CENTER	3637 VISTA Y	92056	San Diego Co. HMMD
OCEANSIDE	S110498052	NORTH COUNTY ONCOLOGY	3617 VISTA Y	92056	San Diego Co. HMMD
OCEANSIDE	S110497454	DERM MEDICAL GROUP/NRTH CTY	3613 VISTA Y	92056	San Diego Co. HMMD
OCEANSIDE	S110498045	NORTH COAST UROLOGY	3609 VISTA Y	92056	San Diego Co. HMMD
OCEANSIDE	S110497455	DERMATOLOGY SPECIALISTS INC	3629 VISTA Y	92056	San Diego Co. HMMD
OCEANSIDE	S110497674	IAN PURCELL MD PHD	3633 VISTA Y	92056	San Diego Co. HMMD
OCEANSIDE	S106070080	HARRY SINGH & SONS	WILSHIRE RD-N END R	92056	San Diego Co. HMMD
VISTA	S111290793	NORTH SANTA FE & ORANGE SITE	300 BLOCK OF NORTH SANTA FE AV	92083	VCP, ENVIROSTOR
VISTA	S110498676	VISTA HILL NURSERY	BUENA VISTA DR	92083	San Diego Co. HMMD
VISTA	S110498241	SAN DIEGO COUNTY CREDIT UNION	1475 VISTA Y	92083	San Diego Co. HMMD
VISTA	S106060704	GOLDEN STATE MOTORS COACH RNTL	1903 W VISTA WAY WY	92083	San Diego Co. HMMD
VISTA	S110497598	G. M SALLY MELLGREN, MD, INC.	3621 VISTA Y	92056	San Diego Co. HMMD

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/12/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/12/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/12/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 10/03/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-267-2180
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 03/14/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/15/2012	Telephone: 916-323-3400
Date Made Active in Reports: 04/02/2012	Last EDR Contact: 03/15/2012
Number of Days to Update: 18	Next Scheduled EDR Contact: 05/21/2012
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/14/2012
Date Data Arrived at EDR: 03/15/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 18

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/20/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/29/2012
Number of Days to Update: 38

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Quarterly

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003

Date Data Arrived at EDR: 05/19/2003

Date Made Active in Reports: 06/02/2003

Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-542-4786

Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011

Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 01/20/2012

Date Data Arrived at EDR: 01/20/2012

Date Made Active in Reports: 02/21/2012

Number of Days to Update: 32

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 03/21/2012

Next Scheduled EDR Contact: 07/02/2012

Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003

Date Data Arrived at EDR: 04/07/2003

Date Made Active in Reports: 04/25/2003

Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)

Telephone: 707-576-2220

Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011

Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004

Date Data Arrived at EDR: 10/20/2004

Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457

Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012

Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006

Date Data Arrived at EDR: 05/18/2006

Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147

Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011

Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004

Date Data Arrived at EDR: 11/18/2004

Date Made Active in Reports: 01/04/2005

Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600

Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/23/2012
Number of Days to Update: 59	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-8677
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/05/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/07/2011	Telephone: 415-972-3372
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2011	Source: EPA Region 1
Date Data Arrived at EDR: 11/01/2011	Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 05/01/2012
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 11/21/2011	Telephone: 913-551-7003
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011	Source: EPA Region 10
Date Data Arrived at EDR: 11/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6271
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/20/2012	Source: SWRCB
Date Data Arrived at EDR: 01/20/2012	Telephone: 916-341-5851
Date Made Active in Reports: 02/22/2012	Last EDR Contact: 03/21/2012
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/02/2012
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-327-5092
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 01/23/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/23/2012
	Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 04/23/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/01/2011	Source: EPA Region 5
Date Data Arrived at EDR: 08/26/2011	Telephone: 312-886-6136
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 18	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-9424
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/28/2011	Source: EPA Region 9
Date Data Arrived at EDR: 11/29/2011	Telephone: 415-972-3368
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6137
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/02/2011	Source: EPA Region 10
Date Data Arrived at EDR: 11/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 11/01/2011	Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 05/01/2012
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 11/21/2011	Telephone: 913-551-7003
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/10/2012
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 08/04/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 10/04/2011	Telephone: 617-918-1102
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 03/14/2012
Date Data Arrived at EDR: 03/15/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 18

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 31

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 01/20/2012
Date Data Arrived at EDR: 01/24/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 28

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 10/07/2011
Date Data Arrived at EDR: 12/09/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 32

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/06/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 03/14/2012
Date Data Arrived at EDR: 03/15/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 18

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/14/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/09/2011
Date Data Arrived at EDR: 09/16/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/12/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/12/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/13/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/03/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 43

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 05/01/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/10/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2012	Telephone: (415) 495-8895
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 04/04/2012
Number of Days to Update: 67	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/09/2011	Telephone: 202-366-4595
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 02/07/2012
Number of Days to Update: 94	Next Scheduled EDR Contact: 05/21/2012
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/16/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/12/2012
Number of Days to Update: 112	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/01/2011	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/25/2012	Telephone: Varies
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/02/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/28/2011	Source: EPA
Date Data Arrived at EDR: 12/14/2011	Telephone: 703-416-0223
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/14/2012
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 02/28/2012
Number of Days to Update: 146	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 03/07/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 06/18/2012
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 02/28/2012
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/28/2012
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/27/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/27/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/17/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 03/12/2012
Number of Days to Update: 60	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/12/2012	Telephone: 202-343-9775
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/10/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (415) 947-8000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/13/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 02/27/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/20/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/29/2012
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 01/03/2012
Date Data Arrived at EDR: 01/03/2012
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 16

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 01/19/2012
Date Data Arrived at EDR: 01/19/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 33

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/15/2011
Date Data Arrived at EDR: 08/23/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/19/2011
Date Made Active in Reports: 08/16/2011
Number of Days to Update: 28

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/17/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/30/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/16/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 04/23/2012
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/06/2012
	Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/01/2007	Telephone: 916-255-3628
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 02/03/2012
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 04/16/2012
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/16/2012
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: N/A

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/22/2012	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 02/24/2012	Telephone: 916-341-6066
Date Made Active in Reports: 04/04/2012	Last EDR Contact: 02/20/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/04/2012
	Data Release Frequency: Varies

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/09/2010	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/11/2010	Telephone: 916-323-3400
Date Made Active in Reports: 08/20/2010	Last EDR Contact: 12/02/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/18/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/12/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 31

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/24/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 20

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/12/2012
Date Data Arrived at EDR: 01/13/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 39

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/12/2012
Date Data Arrived at EDR: 01/13/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 42

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 14

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 03/16/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/29/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 35

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/10/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/23/2012
Date Data Arrived at EDR: 01/24/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 28

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/24/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 11/17/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/29/2011
Date Data Arrived at EDR: 02/02/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 19

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/16/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/23/2012
Date Data Arrived at EDR: 01/25/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 28

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/17/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/16/2012
Date Data Arrived at EDR: 01/18/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 35

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/10/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/13/2012
Date Data Arrived at EDR: 01/24/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Semi-Annually

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/05/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: No Update Planned

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 4

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/01/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 4

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/01/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 04/03/2012
Number of Days to Update: 46

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/19/2012
Date Data Arrived at EDR: 03/19/2012
Date Made Active in Reports: 04/04/2012
Number of Days to Update: 16

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/18/2012

Date Data Arrived at EDR: 01/26/2012

Date Made Active in Reports: 02/21/2012

Number of Days to Update: 26

Source: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 12/21/2011

Next Scheduled EDR Contact: 04/09/2012

Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/18/2012

Date Data Arrived at EDR: 01/26/2012

Date Made Active in Reports: 02/24/2012

Number of Days to Update: 29

Source: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 12/21/2011

Next Scheduled EDR Contact: 04/26/2012

Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/02/2011

Date Data Arrived at EDR: 10/12/2011

Date Made Active in Reports: 11/08/2011

Number of Days to Update: 27

Source: Sacramento County Environmental Management

Telephone: 916-875-8406

Last EDR Contact: 04/09/2012

Next Scheduled EDR Contact: 07/23/2012

Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2011

Date Data Arrived at EDR: 10/14/2011

Date Made Active in Reports: 11/08/2011

Number of Days to Update: 25

Source: Sacramento County Environmental Management

Telephone: 916-875-8406

Last EDR Contact: 04/09/2012

Next Scheduled EDR Contact: 07/23/2012

Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 03/01/2012

Date Data Arrived at EDR: 03/01/2012

Date Made Active in Reports: 03/27/2012

Number of Days to Update: 26

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041

Last EDR Contact: 02/13/2012

Next Scheduled EDR Contact: 05/28/2012

Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/09/2010
Date Data Arrived at EDR: 09/15/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 14

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/16/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 39

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/18/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 35

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/17/2012

Date Data Arrived at EDR: 01/17/2012

Date Made Active in Reports: 02/21/2012

Number of Days to Update: 35

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921

Last EDR Contact: 03/19/2012

Next Scheduled EDR Contact: 07/02/2012

Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/15/2011

Date Data Arrived at EDR: 12/15/2011

Date Made Active in Reports: 01/19/2012

Number of Days to Update: 35

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921

Last EDR Contact: 03/19/2012

Next Scheduled EDR Contact: 07/02/2012

Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county.

Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005

Date Data Arrived at EDR: 03/30/2005

Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600

Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009

Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/05/2012

Date Data Arrived at EDR: 03/07/2012

Date Made Active in Reports: 03/27/2012

Number of Days to Update: 20

Source: Department of Environmental Health

Telephone: 408-918-3417

Last EDR Contact: 03/05/2012

Next Scheduled EDR Contact: 06/18/2012

Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/16/2012

Date Data Arrived at EDR: 02/17/2012

Date Made Active in Reports: 02/21/2012

Number of Days to Update: 4

Source: City of San Jose Fire Department

Telephone: 408-535-7694

Last EDR Contact: 02/13/2012

Next Scheduled EDR Contact: 05/28/2012

Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/19/2011

Date Data Arrived at EDR: 01/06/2012

Date Made Active in Reports: 01/27/2012

Number of Days to Update: 21

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770

Last EDR Contact: 03/19/2012

Next Scheduled EDR Contact: 07/02/2012

Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 12/19/2011
Date Data Arrived at EDR: 01/17/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 38

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/05/2011
Date Data Arrived at EDR: 04/06/2011
Date Made Active in Reports: 05/12/2011
Number of Days to Update: 36

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/12/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/03/2012
Number of Days to Update: 21

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 02/03/2012
Date Data Arrived at EDR: 02/22/2012
Date Made Active in Reports: 03/29/2012
Number of Days to Update: 36

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/27/2011
Date Data Arrived at EDR: 02/03/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 18

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/17/2012
Number of Days to Update: 29

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 01/06/2012
Date Made Active in Reports: 01/17/2012
Number of Days to Update: 11

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/20/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/15/2012
Number of Days to Update: 24

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/17/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 02/09/2012
Date Made Active in Reports: 03/09/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/09/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 03/06/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

QUARRY CREEK
3701 HAYMAR DRIVE
CARLSBAD, CA 92010

TARGET PROPERTY COORDINATES

Latitude (North):	33.1779 - 33° 10' 40.44"
Longitude (West):	117.3029 - 117° 18' 10.44"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	471760.6
UTM Y (Meters):	3670858.2
Elevation:	88 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	33117-B3 SAN LUIS REY, CA
Most Recent Revision:	1997

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

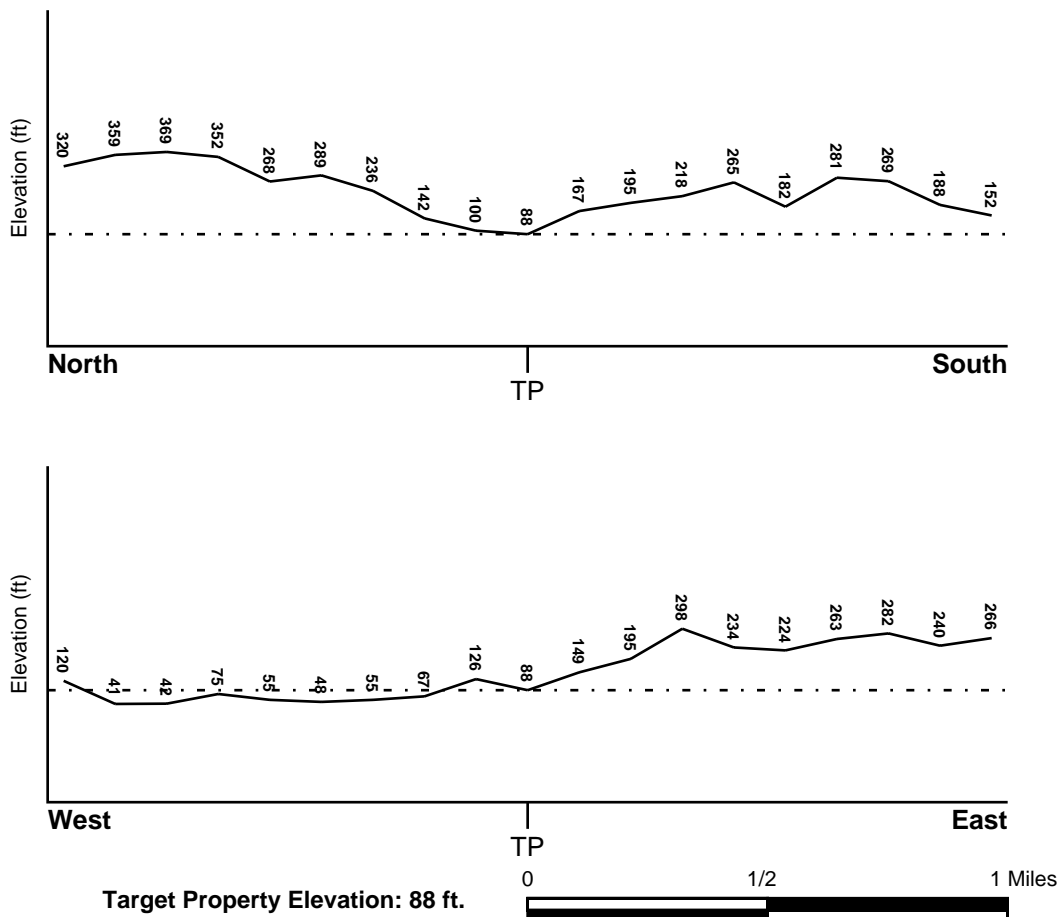
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
SAN DIEGO, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06073C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
SAN LUIS REY

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

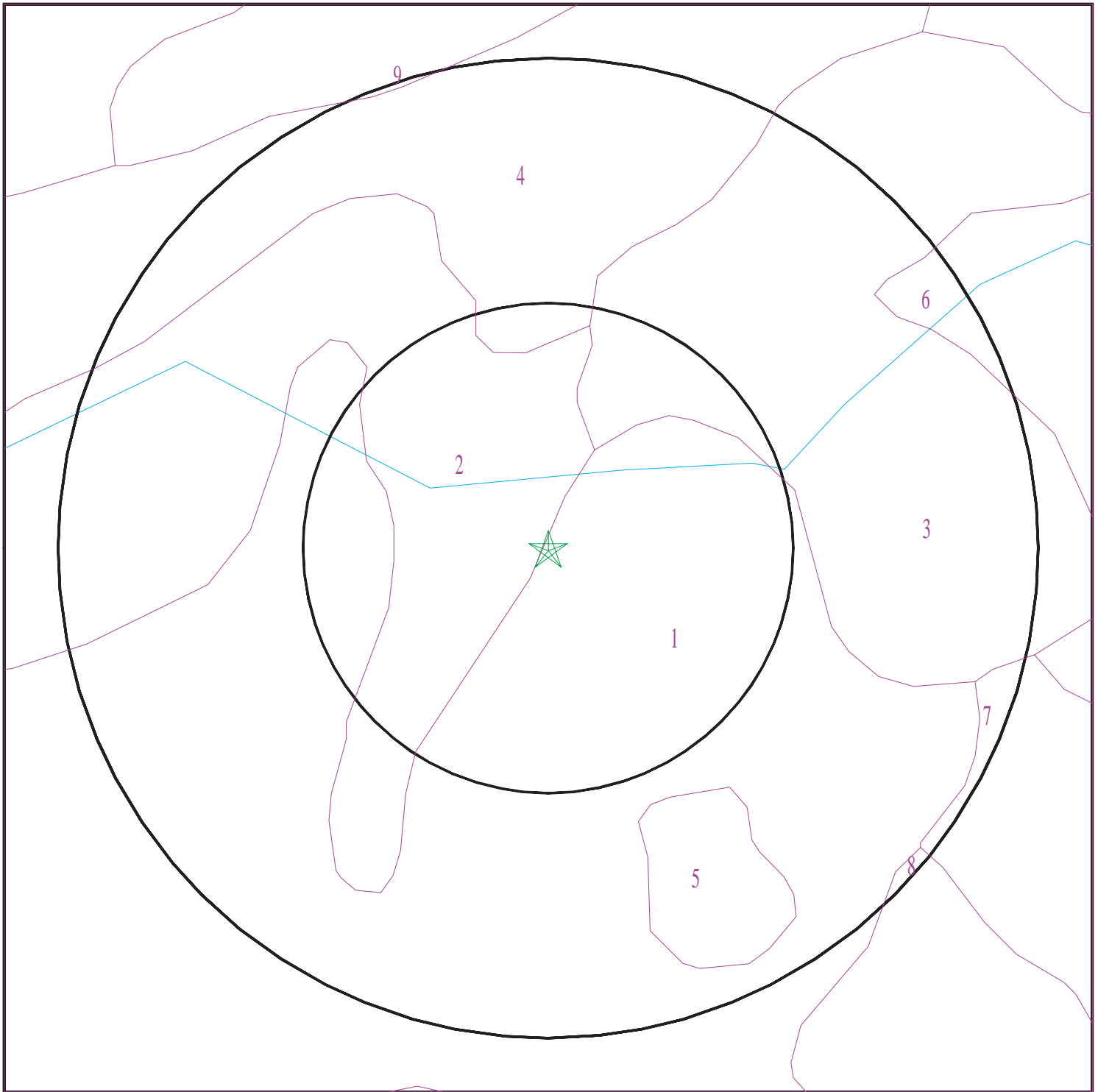
Era:	Cenozoic
System:	Tertiary
Series:	Eocene
Code:	Te (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3315395.1s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Quarry Creek
ADDRESS: 3701 Haymar Drive
Carlsbad CA 92010
LAT/LONG: 33.1779 / 117.3029

CLIENT: Advantage Env. Consultants LLC
CONTACT: Greg Stull
INQUIRY #: 3315395.1s
DATE: May 03, 2012 12:22 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: DIABLO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	9 inches	27 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	27 inches	31 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: SALINAS

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	22 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	22 inches	46 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	46 inches	64 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 3

Soil Component Name: Gravel pits

Soil Surface Texture: very gravelly sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: Min:
2	5 inches	59 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: Min:

Soil Map ID: 4

Soil Component Name: LAS FLORES

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	14 inches	22 inches	sandy clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
3	22 inches	38 inches	sandy clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
4	38 inches	48 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
5	48 inches	51 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: LINNE

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	14 inches	37 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	37 inches	40 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: CIENEBA

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 5 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	7 inches	11 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 7

Soil Component Name: DIABLO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	14 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	31 inches	35 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 8

Soil Component Name: BONSALL

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 7.8 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	24 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 7.8 Min: 7.4
3	24 inches	33 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 7.8 Min: 7.4
4	33 inches	44 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 7.8 Min: 7.4
5	44 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 7.8 Min: 7.4

Soil Map ID: 9

Soil Component Name: LAS FLORES

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	14 inches	22 inches	sandy clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
3	22 inches	38 inches	sandy clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
4	38 inches	48 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
5	48 inches	51 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	0.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	0.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

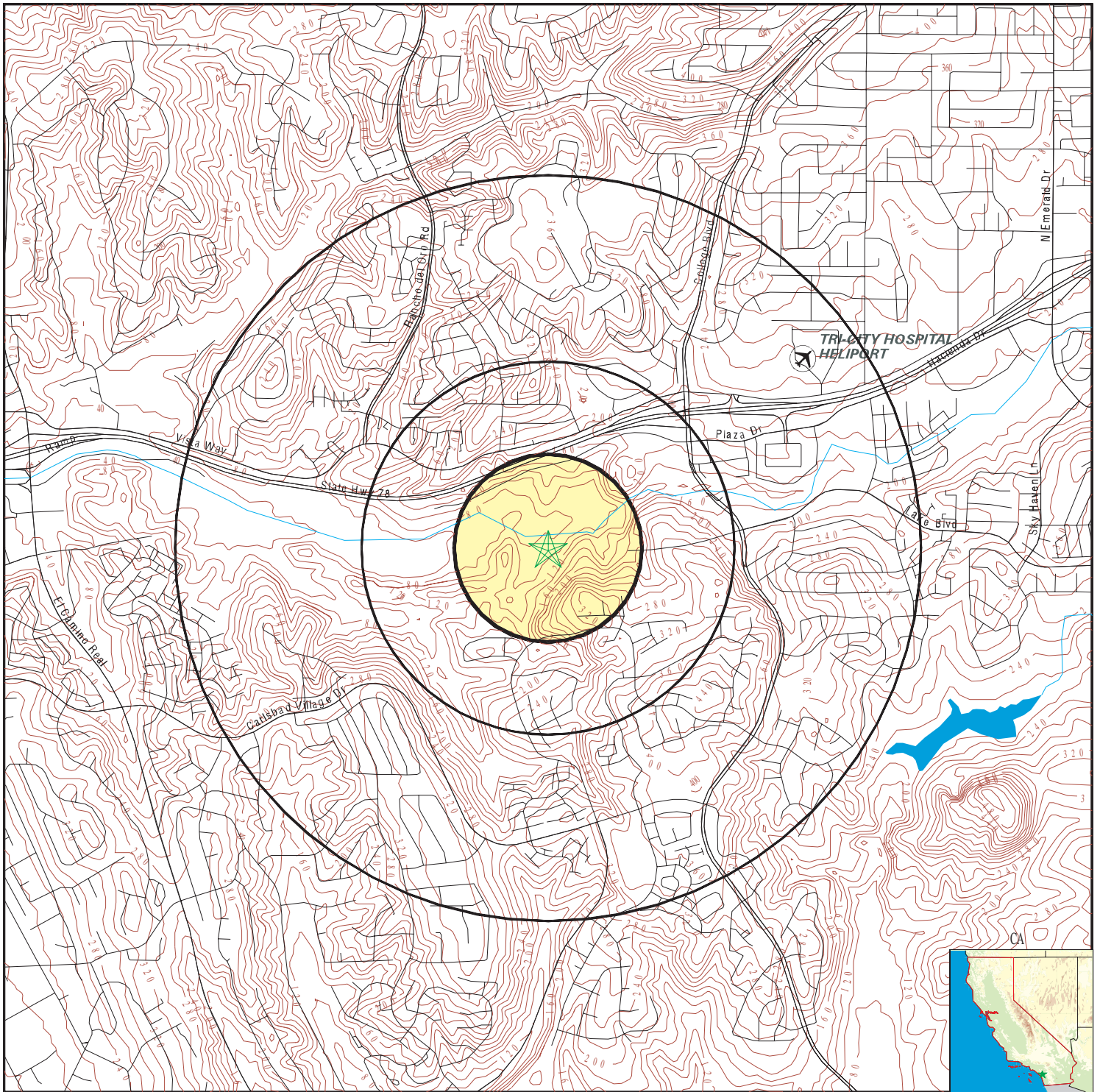
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 3315395.1s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Quarry Creek
 ADDRESS: 3701 Haymar Drive
 Carlsbad CA 92010
 LAT/LONG: 33.1779 / 117.3029

CLIENT: Advantage Env. Consultants LLC
 CONTACT: Greg Stull
 INQUIRY #: 3315395.1s
 DATE: May 03, 2012 12:22 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92010	1	0

Federal EPA Radon Zone for SAN DIEGO County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 92010

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.233 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.700 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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13.6 Qualifications of the Environmental Professionals

COLIN P. YOUNG, CIH

PROFESSIONAL HISTORY

Current

- C Young Associates (CYA), La Jolla, California, 1996-2000, 2003, 01/2009-Present

Previous

- ERM-West, Inc., San Diego, California, Partner-Managing Principal, San Diego Office, 12/03-01/09
- Geocon, Inc., San Diego, California, Vice President/Southern California Operations Manager, 2000-2003, Project Manager/ Marketing Coordinator, 1989-1991
- Metcalf & Eddy, Inc., San Diego, California, Associate/Business Manager-Environmental Services Division, October 1994-1996
- University of California, San Diego (UCSD), Instructor for Occupational Medicine/Public Health & Safety Extension Certificate Program, 1992-2003
- Brown & Root Environmental/Halliburton NUS Corporation
 - San Diego, California, West Region Manager-Western Division Operations, 1991-1993
 - Boston, Massachusetts, U.S. EPA, Region 1 FIT Public Health Specialist, 1982-1985
- Westec Services, Inc./ERCE, San Diego, California, Project Manager/ Manager of Corporate Health & Safety, 1986-1989

PROFESSIONAL EXPERIENCE and QUALIFICATIONS-Academic

- UCSD, Instructor for Occupational Medicine Extension Certificate Program, *Industrial Hygiene for the Occupational Health Nurse*, 1992-1995
- UCSD, Instructor for Occupational Health & Safety/ Hazardous Materials Extension Certificate Program, *Principles in Industrial Hygiene*, 1995-2003

PROFESSIONAL EXPERIENCE and QUALIFICATIONS-Technical

Industrial Hygiene

Provide, or have provided, forensic investigation, human health assessment and exposure/injury prevention related services, including the performance of "sick-building"/indoor air quality evaluations, worker exposure assessments, biological contamination (e.g., bioaerosol/mold) studies, litigation support, workers' comp. investigations, asbestos and lead assessments, industrial process safety evaluations, health & safety training and support programs for environmental, hazardous waste, industrial and construction projects and activities. Services have been provided to legal, industrial, commercial and governmental (e.g., Navy, DOE, regulatory, etc.) clients, alike. Experience representations are summarized, as follows:

- Provide technical and risk management counsel on civil and exposure/toxic tort matters involving alleged environmental impairment and human exposures to hazardous materials, including chemicals and bioaerosols. To date, approximately 200 legal matters have been

supported.

- Provided industrial hygiene/health & safety support and programs for more than 400 environmental and hazardous waste investigations and remediation programs for the US EPA and private entities. Typical projects involved the handling of, and/or potential for exposure to, biological contaminants, fuel and chlorinated hydrocarbons, pesticides, PCBs, asbestos, lead and explosive materials.
- Performed numerous surveys of commercial, industrial and residential structures believed to contain unhealthy and/or potentially hazardous indoor air-quality conditions, including chemical and bioaerosol intrusion.
- Performed numerous industrial process safety evaluations in support of both Workers' Compensation claim-reduction (i.e., limitation of liability) programs and impending Workers' Compensation claims. The services have been provided for the benefit of employers, property owners and business/property insurers and legal counsel.
- Provided training and developed corporate health and safety programs for more than twenty industrial facilities, environmental laboratories and/or engineering consulting firms.
- Performed a Job Safety Analysis (JSA) of more than 300 aerospace manufacturing processes in support of the company's existing and developing Industrial Health & Safety Program.
- Developed and managed a complex health and safety program for a multi-million dollar remediation project for the Department of Energy at Oak Ridge National Laboratory (ORNL) in Oak Ridge, Tennessee. The remedial and site safety program innovatively employed the use of remotely operated vehicles (i.e., submarines) to retrieve and decommission over 7000 containers of explosive, water-reactive and radiologically-contaminated materials.
- Developed and managed a health & safety/quality assurance-quality control (QA/QC) program for a study involving the assessment of 15 uncontrolled disposal sites at the Naval Air Weapons Station (NAWS) in China Lake, California. The studies evaluated the degree of environmental impact from chemical, biological and live ordnance wastes in the (typical) 115°F area climate.
- Contributed to the development of health and safety Standard Operating Procedures and training protocols currently used by each of the U.S. EPA FIT, Zone 1 offices.

Environmental Engineering

Provide, or have provided, forensic studies, environmental site assessments; remediation programs; environmental litigation support, and; regulatory compliance support and permitting.

- Developed and managed a multimillion-dollar burn dump remediation project for a client who was redeveloping a former Navy facility. Provided project management and oversight, data interpretation, training, and HASP development. The contaminants of concern include burn ash, lead, asbestos, PCBs, chlorinated and/or petroleum hydrocarbons.
- Managed multiple environmental assessments and mitigation programs of former

agricultural properties. Many possessed impairment by the historic and legal application of pesticides and/or natural occurrence of arsenic. In all situations, the impairment was managed on-site by controlled burial of the impaired soils, resulting in no need for costly or wasteful removal, transport and treatment/disposal of the same.

- Provided technical support for an underground storage tank (UST) investigation at San Diego International Airport's (Lindbergh Field) tank farm. The project was performed for the local Port Authority and involved the in situ inspection of the interior of numerous fuel tanks throughout the fuel farm. This activity required the use of Level B PPE in confined space environments.
- Provided management of a million-dollar environmental design contract for Naval Public Works Center (PWC), San Diego, California. Services included the development of SPCC Plans, preparation of RCRA Part B permits, performance of Cathodic Protection evaluations and the design of TSD facilities.
- Planned and managed a multitude of UST investigations for the Department of Defense at MCB Camp Pendleton, North Island NAS and 32nd Street Naval Station, California. The results of each investigation were used to develop remediation specifications for MCON projects planned at each site. The remedial programs were subsequently implemented using fixed or unit-cost pricing structures dependent on the prepared specifications. Remediation technologies applied included controlled aeration, vapor extraction (VES), pump and treat, and dig and dispose. All of the projects were performed either on or under budget.
- Provided operations management of a multi-million dollar fuel recovery/remediation project at the fuel farm at Naval Air Station North Island (NASNI), California. Ground water at the site had been impaired by a 2-3 foot thick layer of fuel hydrocarbon, released from a multitude of concrete USTs on the base. The remediation technology applied to date included pump and treat.
- Provided Delivery Order management of a large-scale asbestos survey project at Naval Amphibious Base, Coronado for Southwest Division NAVFACENGCOM.
- Planned and managed an assessment and remediation project at Fire Fighting Training Areas at Pacific Missile Test Center (PMTTC) in Point Mugu and CBC Port Hueneme, California, for the Western Division NAVFACENGCOM. The remedial programs were subsequently implemented using fixed or unit-cost pricing structures dependent on the prepared specifications. Remediation technologies applied included VES and dig and dispose. Each of the projects was performed under budget.
- Removed and performed an investigation of multiple USTs located on agricultural property owned by the Viejas Indian Reservation. The property is slated for Casino and Resort expansion.
- Performed a UST investigation at several commercial service stations. Determined MTBE impacts to beneficial-use ground water. Data used to initiate a ground water investigation and remediation plans.
- Provided environmental support and waste characterization services for engineering (i.e.,

clean-out) projects performed within lead-impacted storm water basins throughout San Diego County.

- Provided technical and environmental management support for numerous engineering projects performed within lead-impacted areas along the highways of Orange County. Formulated a Lead Management Plan for the engineering/utility contractor providing the construction services for Caltrans.
- Provided environmental compliance support services to supplement an aerospace manufacturing company's environmental department. Products supported include the Hazardous Materials Business Plan, Storm Water Pollution Prevention (SWPP) Plan, Underground Storage Tank (UST) Program, Compliance Audit Program, etc.
- Providing environmental support to the owners of a property involved in litigation over the condemnation of the property by the local municipality acquisition.

ACADEMIC HISTORY

- University of Massachusetts, Amherst, Massachusetts, B.S., School of Environmental Science and Public Health, 1982
- Harvard School of Public Health, Boston, Massachusetts, Certificate (Non Degree) of Risk Analysis in Environmental Health, 1985

PROFESSIONAL CERTIFICATIONS

- Certified Industrial Hygienist (CIH) No. 3987, American Board of Industrial Hygiene (ABIH), 1988; Recertified 1995, 2001, 2006
- Certified Safety Specialist/Executive (CSS/CSE), World Safety Organization (WSO), 1986 (inactive)
- AHERA-Certified Asbestos Inspector-California No. 855, U.S. EPA/UC Berkeley, 1989 (inactive)

PROFESSIONAL TRAINING

- Certificate in Professional Engineering Practice, ASFE/Institute for Professional Practice, 1990
 - Program Facilitator, 1991
- Professional "Loss Prevention" Training, ASFE, 1989
- Professional Management Training, Management Action Programs (MAP), 1990
- HazWOpER (29CFR 1910.120) Training, 1982; - Trainer, 1986-Present
- Guidelines for the Assessment of Microbiological Contamination, AIHA, 2002

PUBLICATIONS

- Fung M.D., F. Y., Young CIH, C. P., Mold-Associated Asthma, IAQ 2001, ASHRAE

PROFESSIONAL AFFILIATION HISTORY

- American Industrial Hygiene Association (AIHA), Fairfax, VA
- American Academy of Industrial Hygiene (AAIH), Lansing, MI
- American Lung Association, San Diego and Imperial Counties, CA, Member-Board of Directors, 2002-2006
- ASFE, Silver Spring, MD
 - "Loss Prevention Education" Committee (1990-1991)
- American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)
- Association for Environmental Health and Sciences (AEHS), Amherst, MA
- American Conference of Governmental Industrial Hygienists (ACGIH), Cincinnati, OH
- Institute for Professional Practice (IPP), Silver Spring, MD
- Society of American Military Engineers (SAME), San Diego, CA
- American Indoor Air Quality Council

Advantage Environmental Consultants, LLC

ENVIRONMENTAL DUE DILIGENCE AND REMEDIATION SPECIALISTS

DANIEL A. WEIS, R.E.H.S., REA **Branch Manager – Western Regional Office**

EDUCATION

- Bachelor of Arts - University of Delaware, Newark, DE (1995)
- Master of Science – Public Health, San Diego State University, San Diego, CA (1998)

PROFESSIONAL REGISTRATIONS, LICENSES, AND CERTIFICATIONS

- Registered Environmental Health Specialist #8172 in the State of California
- Registered Environmental Assessor #08001 in the State of California
- OSHA 40-hour Hazardous Waste Operations Worker and Supervisor Certifications and Annual Refreshers

PROFESSIONAL SUMMARY

Mr. Weis is the branch manager of AEC's western regional office based in the City of San Marcos, San Diego County, California. He has 14 years of experience in the environmental sciences and consulting fields and is supported by Professional Geologists, Engineers, Certified Asbestos Consultants, Lead Risk Assessors and other technical team members of AEC staff. His responsibilities at AEC include client development and management, project management, technical oversight and quality control for assessment and remediation services, project staffing, and office financial management. Mr. Weis also completes technical services (including field activities) required of select projects completed by AEC. He has a proven ability to manage multiple personnel and technical projects, negotiate with regulatory agencies and maintain strong and trusting client relationships. Such clientele include but are not limited to local government entities, redevelopment agencies, affordable housing developers, Federal government entities, environmental and land use attorneys, architectural and engineering firms, commercial lending institutions, conservancies, commercial/industrial real estate owners/managers, insurance companies, wireless telecommunication carriers and real estate developers. He is also very experienced in the completion of assessment, construction and remediation quality assurance during the completion of urban redevelopment/brownfields projects, many of which have been located in downtown San Diego, Los Angeles and other urban communities throughout the State of California. Mr. Weis has a deep understanding of environmental due diligence guidelines including:

- American Society for Testing and Materials (ASTM) E1527-05, Standard Practice for Environmental Site Assessments (ESAs)
- ASTM E2247-08, Standard Practice for ESA: Phase I ESA Process for Forestland or Rural Properties
- ASTM E1903-97 (Re-approved 2002), Standard Practices for Environmental Site Assessments: Phase II ESA Process
- ASTM E2600-10, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions
- 40 Code of Federal Regulations (CFR) Part 312 Standards for Conducting All Appropriate Inquiry (AAI)
- 33 CFR Part 137 Oil Spill Liability Standards for Conducting AAI
- United States Department of Housing and Urban Development Guide to Multifamily Accelerated Processing
- Other financial institution specific guidelines including The United States Small Business Administration, Fannie Mae and Freddie Mac

PROFESSIONAL EXPERIENCE

Mr. Weis has completed over 700 due diligence related environmental assessments (i.e. Phase I ESAs, Transaction Screen Analyses, etc.) and has managed over 200 subsurface environmental investigations of soil gas, soil and/or groundwater. Such investigations have also included human health and ecological risk assessments, evaluations of indoor air conditions based on interpretations of subsurface conditions, underground storage tank (UST) evaluation/closure and hazardous waste characterization/management. Subsurface activities performed include the completion of soil borings using various drilling technologies, soil and groundwater sampling, installation and sampling of groundwater monitoring wells, free product evaluations, exploratory trenching and real-time delineation using mobile analytical laboratories and other soil screening technology. Assets evaluated include industrial, commercial, residential, agricultural and vacant land sites throughout the State of California and numerous additional states of the Nation, with many of the assessments completed under the regulatory oversight of local environmental regulatory agencies, the California Regional Water Quality Control Boards (RWQCBs) and the California Environmental Protection Agency Department of Toxic Substances Control (DTSC). Mr. Weis has also conducted and/or managed hundreds of public/environmental health related assessments including electromagnetic field surveys, radionuclide surveys, indoor air quality investigations, radon surveys, drinking water assessments, asbestos containing materials (ACM) and lead-based paint (LBP) surveys and mold/microbial evaluations.

Mr. Weis has managed over 20 remediation related projects primarily related to source removal of subsurface contaminants including but not limited to petroleum hydrocarbons, chlorinated solvents, heavy metals, organochlorine pesticides and other agricultural related chemicals, dioxins and furans and polychlorinated biphenyls (PCBs). Cost effective solutions and various remedial action options are provided prior to remedial action implementation. He is very proficient in developing remediation cost estimates and evaluating multiple remedial strategies on specific projects and conducting budget tracking to ensure the accuracy of such estimates during remedial implementation. Mr. Weis also assists clients with the preparation of contractor bid specifications, contractor bid and change order reviews for such projects, contractor agreements and project status reports/updates and has conducted presentations to client personnel, regulatory agencies and/or the public pertaining to such remediation related projects. He has also assisted numerous clients in cost recovery efforts from private parties and State/Federal funding programs for environmental assessment and remediation work.

SPECIFIC PROJECT EXPERIENCE

48 Property State Lands Exchange Project, Various Locations Throughout San Bernardino and Inyo Counties, California - Project director for the completion of a Phase I ESA in accordance with ASTM Practice E 1527-05, 40 CFR Part 312 Standards for Conducting AAI, and other Federal Agency specific guidelines at forty eight State of California School Lands properties ranging in size from 40 acres to 666.54 acres, located in San Bernardino and Inyo Counties, California and either partially or entirely within Death Valley National Park or the Mojave National Preserve. Due to the remoteness of the properties, the site reconnaissance was conducted via helicopter flyover with intermittent landings as needed to evaluate conditions on the properties. Prior to the site reconnaissance, Geographical Information Systems (GIS) technology was utilized to determine the coordinates of each property (corners and center) and such data was subsequently provided to the aviation company in a format compatible with the helicopter's navigation system. Additional components of the ESA (i.e. interviews, regulatory research and historical research) were completed in strict accordance with the applicable guidelines. The assessment revealed no evidence of recognized environmental conditions (RECs) in connection with the properties and additional assessment was not recommended. The assessment also included an evaluation of several non-scope ASTM considerations including ACM, LBP, radon potential and lead in drinking water. None of the non-scope ASTM evaluation items were found to be a potential concern with respect to the subject properties.

Industrial Facility, West Bradley Avenue, El Cajon, California – Technical lead on pre-business acquisition due diligence (i.e. Phase I/II ESAs) at a facility that conducts the manufacturing of forged metal products for the medical field and aerospace/defense industry and that was historically used for related industrial purposes. Investigation revealed releases of chlorinated solvents to the vadose zone and groundwater underlying the facility, as well as off-site sources of chlorinated solvents to the property in groundwater. Two phases of due diligence related subsurface investigation consisted of 25 direct-push soil

borings and the collection of soil, groundwater, and soil gas samples. The analytical laboratory data was evaluated, deliverables were prepared and preliminary evaluations of risk conducted using County of San Diego Department of Environmental Health and DTSC Johnson and Ettinger vapor intrusion risk models. The case was subsequently referred to the DTSC due to permit by rule conditions and Mr. Weis oversaw and participated in the preparation a current conditions report, Facility Investigation (FI) Work plan and Community Profile for the property under a Corrective Action Consent Agreement between the interested parties and the DTSC. The FI Work Plan described the investigation objectives, pertinent background information related to the facility, current conditions, and a description of each identified Solid Waste Management Unit and Area of Concern identified at the facility. The document also included a Quality Assurance Project Plan (QAPP), data management plan and information pertaining to the proposed reporting structure. Mr. Weis also served as the project lead/coordinator for the implementation of the FI Work Plan which included the installation of sub-slab and at-depth soil gas probes and multiple groundwater monitoring wells, and the drilling of several direct-push soil borings. On-going regulatory negotiation is being conducted in efforts to reach a quantifiable approach to future monitoring of subsurface conditions at the property.

Santa Monica Beach Public Restroom Facilities Replacement Project, Santa Monica, California -

Project director and lead on the completion of a Phase I ESA in accordance with ASTM Practice E 1527-05 of eight public restroom facilities on the Santa Monica State Beach in the City of Santa Monica, Los Angeles County, California. ACM, LBP and PCB surveys were also completed in conjunction with the ESA. All components of the ESA were completed in strict accordance with the applicable guidelines. The assessment revealed no evidence of RECs in connection with the properties and additional assessment was not recommended. Recommendations were provided regarding abatement of ACM and LBP identified at the facilities.

Seventh and Market Street Property - 7th and 8th Avenues and Market Street, San Diego, California -

Project lead and manager for remediation planning assistance associated with a proposed 55,000 square foot mixed-use redevelopment project including a multiple level subterranean parking garage) in downtown San Diego. Subsurface characterization utilized in conjunction with prior site data included the drilling of ten soil borings using a hollow-stem auger drill rig, excavation of ten exploratory test pits using a backhoe and sampling/analysis of soil samples for various contaminants of concern. The additional data obtained was used for evaluating the feasibility of alternative remedial strategies, revising remedial cost estimates for multiple redevelopment scenarios and preparation of a mitigation plan and community health and safety plan for the project. Eligible costs for the site characterization related work were recovered from the State Water Resources Control Board (SWRCB) Orphan Site Cleanup Account (OSCA) program on behalf of the client. Although redevelopment plans for the project changed due to various factors, funding remained secured for the project and remediation work consisting of a removal action of lead and petroleum hydrocarbon impact soil was conducted. Over 15,000 tons of contaminated soil was removed from the property during the remediation effort. Mr. Weis served as the project lead and manager for the remediation phase of work which included the excavation and segregation of lead and petroleum hydrocarbon contaminated soils within an approximately 30,000 square foot remediation area, backfilling the excavation with non-contaminated soil generated from the proposed excavation as well as soil to be imported to the property and reconstruction of the property to City of San Diego surface parking lot standards. The remediation activities required the displacement of approximately 27,000 cubic yards of soil. Pre-remediation work completed by Mr. Weis included revising the mitigation plan to account for changes to the project plan, assistance with the preparation of technical bid specifications pertaining to the proposed site remediation, pre-bid meeting representation and responding to questions/inquiries from prospective bidders regarding the technical specifications, drawings and other items related to the proposed remediation effort and associated construction activity. Over 99% of \$1,500,000 in SWRCB OSCA grant funds for the cleanup was recovered on behalf of the client.

Proposed Charter School Athletic Field Complex, Temple Avenue and Hoover Street, Los Angeles, California -

Project lead and manager for the completion of a Phase I and II ESA during a property acquisition due diligence period at this approximately one-acre property located in the northern portion of the downtown area of the City of Los Angeles. The Phase I ESA was completed under ASTM-2005/AAI protocol and supplemental DTSC guidelines. Prior uses of the property included metal plating activity and a gasoline service station. Other deliverables provided and approved by the DTSC included a Preliminary

Environmental Assessment (PEA) Work Plan, QAPP and a Site Specific Health and Safety Plan. Additional subsurface investigation was subsequently completed to close data gaps pertaining to contaminant distribution and remediation costs prior to a removal action completed at the property. Such investigation included the drilling of over 70 soil borings and sample collection/analysis of soil, soil gas and groundwater samples. Remediation (excavation) at the property was completed by on a turn-key basis and consisted of the excavation and disposal of approximately 2,500 cubic yards of metals contaminated soil and removal of a UST under Los Angeles Fire Department oversight. Other duties completed during the course of the project included regulatory negotiation and litigation support. Community outreach associated with the project included a public hearing with the Los Angeles Department of Building and Safety pertaining to the site permit grading and haul route for trucking of contaminated soil and mass mailing of fieldwork notification activities to all properties situated within a 300 foot radius of the property.

Strata - 9th and 10th Avenues and Market Street, San Diego, California – Project manager for the completion of California SWRCB OSCA Program application assistance pertaining to a portion (former gasoline station) of this downtown San Diego redevelopment site, which included a four-level subterranean parking garage. Initial tasks included a review of prior environmental assessments, written response to SWRCB inquiries pertaining to historical site uses and principal contamination sources and preparation of select sections of OSCA Pre-Assessment and Cleanup Grants. Portions of the Grants included a summary of background information pertaining to the property, detailed scopes of work pertaining to prior eligible assessment response work and proposed cleanup response actions and specific budget details. Cost recovery efforts from the OSCA program were successful. Mr. Weis also served as the project lead for general remediation planning assistance which included the preparation of multiple variations of remediation cost estimates for the project and attendance of meetings with the development team. The remediation cost estimate variations were broken down by physical address (parcel) and three contaminant types (lead, chlorinated solvents and petroleum hydrocarbons) and differing combinations of the referenced parameters. The cost estimation included interface with UST removal, excavation, shoring and dewatering contractors, landfill/recycling facilities, trucking companies, vapor barrier design and installation companies and analytical laboratories. Mr. Weis oversaw subsequent third-party oversight activities on behalf of the client as the property was sold to a third-party and included field oversight of remediation activities, budget tracking, invoice approval, compliance with the OSCA Grant conditions, attendance at meetings and other tasks.

Tijuana River Watershed Project, San Diego State University Graduate School of Public Health - In early stages of the project, implemented a stormwater sampling program within various areas of watershed including the use of auto sampling apparatus triggered by rainfall and flow of rivers and creeks of interest. Personally performed analytical laboratory analysis of water and sediment samples using University owned instruments for constituents of concern including heavy metals, nutrients, and bacteriological indicators and maintained chemistry and flow databases for the development of pollutographs, mass loading estimates and calibration of GIS models.

PUBLICATIONS

- Gersberg, R.M., Brown, C., Zambrano, V., Worthington, K., and Weis, D. (2000) Quality of urban runoff in the Tijuana River watershed. In Westerhoff, P. (editors), SCERP Monograph Series (no.2) on Water Issues Along the United States and Mexico Border. : Southwest Center for Environmental Research and Policy, 31-45.
- Weis, D.A., Callaway, J.C., and R.M. Gersberg (2001). Vertical Accretion Rates and Heavy Metal Chronologies in Wetland Sediments of the Tijuana Estuary. *Estuaries* 24(6A).
- Gersberg, R.M., Pitt, J.L., Weis, D.A., and D.D. Yorkey. Characterizing In-Stream Metal Loading in the Tijuana River Watershed. (2002). National TMDL Science and Policy Conference, Specialty Conference Proceeding on CD Rom, November 13-16, Phoenix, Arizona

AFFILIATIONS

National Brownfields Association
San Diego Housing Federation